

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009267.D
 Acq On : 22 Jun 2022 11:59
 Operator : KP/MD
 Sample : VY0622SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 23 01:54:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	158332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	254682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	234745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91325	52.519	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.040%			
35) Dibromofluoromethane	7.716	113	90481	54.858	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.720%			
50) Toluene-d8	10.179	98	340818	53.790	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.580%			
62) 4-Bromofluorobenzene	12.477	95	124528	55.932	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	24184	20.846	ug/l	100
3) Chloromethane	2.107	50	29721	20.876	ug/l	96
4) Vinyl Chloride	2.247	62	32311	20.432	ug/l	100
5) Bromomethane	2.625	94	22623	20.516	ug/l	97
6) Chloroethane	2.778	64	20931	19.880	ug/l	99
7) Trichlorofluoromethane	3.113	101	49779	19.831	ug/l	91
8) Diethyl Ether	3.521	74	20049	21.750	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	34039	21.326	ug/l	93
10) Methyl Iodide	4.082	142	38760	19.885	ug/l	88
11) Tert butyl alcohol	4.948	59	29935	113.211	ug/l	98
12) 1,1-Dichloroethene	3.863	96	31408	20.706	ug/l	85
13) Acrolein	3.723	56	5167	81.348	ug/l	96
14) Allyl chloride	4.466	41	56729	20.820	ug/l	94
15) Acrylonitrile	5.155	53	58664	114.122	ug/l	97
16) Acetone	3.942	43	46992	109.375	ug/l	94
17) Carbon Disulfide	4.180	76	79814	18.941	ug/l	100
18) Methyl Acetate	4.472	43	32090	24.737	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	98009	21.496	ug/l	96
20) Methylene Chloride	4.704	84	45334	16.601	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	36569	20.343	ug/l	88
22) Diisopropyl ether	6.112	45	128272	22.395	ug/l	93
23) Vinyl Acetate	6.051	43	398786	113.400	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	69024	21.289	ug/l	97
25) 2-Butanone	6.978	43	78601	113.285	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	60813	19.951	ug/l	92
27) cis-1,2-Dichloroethene	6.978	96	44067	20.910	ug/l	89
28) Bromochloromethane	7.326	49	28666	20.491	ug/l #	89
29) Tetrahydrofuran	7.344	42	51545	117.310	ug/l	92
30) Chloroform	7.502	83	70801	21.214	ug/l	96
31) Cyclohexane	7.777	56	61777	20.466	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	61039	20.950	ug/l	98
36) 1,1-Dichloropropene	7.911	75	53214	21.200	ug/l	99
37) Ethyl Acetate	7.069	43	35574	23.437	ug/l #	95
38) Carbon Tetrachloride	7.893	117	55253	21.170	ug/l	93
39) Methylcyclohexane	9.179	83	62402	20.261	ug/l	96
40) Benzene	8.155	78	159638	21.497	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009267.D
 Acq On : 22 Jun 2022 11:59
 Operator : KP/MD
 Sample : VY0622SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 23 01:54:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	17635	20.955	ug/l #	40
42) 1,2-Dichloroethane	8.234	62	45327	21.272	ug/l	91
43) Isopropyl Acetate	8.271	43	61586	22.141	ug/l #	92
44) Trichloroethene	8.935	130	44267	21.168	ug/l	96
45) 1,2-Dichloropropane	9.209	63	41351	21.615	ug/l	95
46) Dibromomethane	9.301	93	23701	21.786	ug/l	97
47) Bromodichloromethane	9.496	83	55680	21.554	ug/l	93
48) Methyl methacrylate	9.289	41	27589	22.629	ug/l	90
49) 1,4-Dioxane	9.295	88	7204	460.824	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	170809	118.063	ug/l	91
52) Toluene	10.240	92	102637	21.865	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	58071	21.619	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	65940	21.568	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	34730	22.745	ug/l	98
56) Ethyl methacrylate	10.508	69	46137	22.841	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	58937	22.556	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	99678	115.028	ug/l	96
59) 2-Hexanone	10.831	43	118957	121.495	ug/l	90
60) Dibromochloromethane	10.983	129	40766	21.890	ug/l	99
61) 1,2-Dibromoethane	11.087	107	32194	21.624	ug/l	98
64) Tetrachloroethene	10.715	164	48361	21.353	ug/l	97
65) Chlorobenzene	11.514	112	112559	21.285	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	41258	21.338	ug/l	95
67) Ethyl Benzene	11.587	91	194623	21.236	ug/l	99
68) m/p-Xylenes	11.703	106	153179	42.594	ug/l	92
69) o-Xylene	12.026	106	73428	21.471	ug/l	93
70) Styrene	12.044	104	122450	21.590	ug/l	96
71) Bromoform	12.203	173	26391	22.082	ug/l #	96
73) Isopropylbenzene	12.331	105	194928	21.461	ug/l	99
74) N-amyl acetate	12.142	43	55393	22.832	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	39131	22.643	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	29234m	21.538	ug/l	
77) Bromobenzene	12.605	156	45420	20.587	ug/l	98
78) n-propylbenzene	12.672	91	235198	21.491	ug/l	97
79) 2-Chlorotoluene	12.758	91	133180	21.605	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	160146	21.239	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	14884	23.251	ug/l #	84
82) 4-Chlorotoluene	12.855	91	139461	21.691	ug/l	98
83) tert-Butylbenzene	13.075	119	142119	21.612	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	161526	21.860	ug/l	97
85) sec-Butylbenzene	13.251	105	215138	21.855	ug/l	99
86) p-Isopropyltoluene	13.367	119	175925	21.502	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	91263	21.401	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	90110	21.060	ug/l	99
89) n-Butylbenzene	13.696	91	165631	21.738	ug/l	97
90) Hexachloroethane	13.959	117	34138	21.997	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	82847	21.623	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6695	21.750	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	49347	21.052	ug/l	99
94) Hexachlorobutadiene	15.111	225	27519	21.820	ug/l	98
95) Naphthalene	15.233	128	103762	22.066	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	42611	21.269	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009267.D
 Acq On : 22 Jun 2022 11:59
 Operator : KP/MD
 Sample : VY0622SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 23 01:54:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009267.D
 Acq On : 22 Jun 2022 11:59
 Operator : KP/MD
 Sample : VY0622SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 23 01:54:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

