

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014844.D
 Acq On : 26 Jul 2023 13:07
 Operator : SY/MD
 Sample : VY0726SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0726SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

Quant Time: Jul 26 13:44:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	201848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	304870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113474	49.334	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.660%		
35) Dibromofluoromethane	7.710	113	101223	46.801	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.600%		
50) Toluene-d8	10.179	98	364589	45.723	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.440%		
62) 4-Bromofluorobenzene	12.477	95	132911	43.471	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	30857	18.764	ug/l	99
3) Chloromethane	2.107	50	43133	23.333	ug/l	98
4) Vinyl Chloride	2.247	62	46921	22.712	ug/l	93
5) Bromomethane	2.625	94	33700	24.683	ug/l	97
6) Chloroethane	2.778	64	30109	23.332	ug/l	95
7) Trichlorofluoromethane	3.113	101	67135	19.349	ug/l	97
8) Diethyl Ether	3.521	74	24342	18.855	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.887	101	38506	18.106	ug/l	95
10) Methyl Iodide	4.082	142	37673	18.288	ug/l	97
11) Tert butyl alcohol	4.936	59	68890m	134.949	ug/l	
12) 1,1-Dichloroethene	3.857	96	35955	18.089	ug/l	91
13) Acrolein	3.729	56	22636	94.156	ug/l	96
14) Allyl chloride	4.466	41	59103	16.747	ug/l	98
15) Acrylonitrile	5.161	53	74432	104.553	ug/l	99
16) Acetone	3.942	43	72960	100.098	ug/l	90
17) Carbon Disulfide	4.180	76	96431	16.945	ug/l	99
18) Methyl Acetate	4.472	43	60540	21.644	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	123134	19.071	ug/l	100
20) Methylene Chloride	4.710	84	58773	22.499	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	41354	18.333	ug/l	99
22) Diisopropyl ether	6.112	45	128646	17.929	ug/l	96
23) Vinyl Acetate	6.051	43	389398	90.686	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	73725	17.957	ug/l	96
25) 2-Butanone	6.978	43	112873	105.850	ug/l	93
26) 2,2-Dichloropropane	6.972	77	71101	18.171	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	49073	18.690	ug/l	98
28) Bromochloromethane	7.332	49	37676	21.308	ug/l	96
29) Tetrahydrofuran	7.344	42	69183	105.364	ug/l	91
30) Chloroform	7.502	83	79519	18.782	ug/l	93
31) Cyclohexane	7.783	56	63767	16.701	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	69493	18.238	ug/l	98
36) 1,1-Dichloropropene	7.911	75	57168	17.675	ug/l	99
37) Ethyl Acetate	7.070	43	46106	20.704	ug/l	95
38) Carbon Tetrachloride	7.893	117	59624	17.439	ug/l	96
39) Methylcyclohexane	9.179	83	70149	16.647	ug/l	95
40) Benzene	8.155	78	167751	18.236	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014844.D
 Acq On : 26 Jul 2023 13:07
 Operator : SY/MD
 Sample : VY0726SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0726SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

Quant Time: Jul 26 13:44:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	17177	14.996	ug/l #	85
42) 1,2-Dichloroethane	8.234	62	55383	19.012	ug/l	95
43) Isopropyl Acetate	8.271	43	80508	18.979	ug/l	97
44) Trichloroethene	8.935	130	46774	18.173	ug/l	98
45) 1,2-Dichloropropane	9.216	63	42495	17.691	ug/l	97
46) Dibromomethane	9.301	93	28149	19.317	ug/l	94
47) Bromodichloromethane	9.496	83	61813	17.998	ug/l	99
48) Methyl methacrylate	9.289	41	35857	18.785	ug/l	93
49) 1,4-Dioxane	9.301	88	9406	395.861	ug/l #	55
51) 4-Methyl-2-Pentanone	10.069	43	227602	102.189	ug/l	93
52) Toluene	10.240	92	106469	18.087	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	65515	17.439	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	71454	17.490	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	39123	19.274	ug/l	97
56) Ethyl methacrylate	10.508	69	57556	18.571	ug/l	90
57) 1,3-Dichloropropane	10.788	76	65444	18.693	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	149448	103.492	ug/l	94
59) 2-Hexanone	10.831	43	165900	102.140	ug/l	92
60) Dibromochloromethane	10.983	129	46108	18.527	ug/l	99
61) 1,2-Dibromoethane	11.087	107	38832	19.177	ug/l	100
64) Tetrachloroethene	10.715	164	46138	18.817	ug/l	98
65) Chlorobenzene	11.514	112	117447	18.078	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	43557	17.782	ug/l	98
67) Ethyl Benzene	11.587	91	208021	17.734	ug/l	100
68) m/p-Xylenes	11.697	106	157778	35.237	ug/l	97
69) o-Xylene	12.026	106	78155	17.921	ug/l	96
70) Styrene	12.044	104	131867	17.940	ug/l	97
71) Bromoform	12.203	173	30957	18.645	ug/l #	97
73) Isopropylbenzene	12.325	105	202690	16.900	ug/l	100
74) N-amyl acetate	12.142	43	68965	17.169	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	50113	18.322	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	42937m	22.195	ug/l	
77) Bromobenzene	12.605	156	48985	17.892	ug/l	96
78) n-propylbenzene	12.666	91	244444	16.914	ug/l	100
79) 2-Chlorotoluene	12.751	91	139951	16.812	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	170167	16.989	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	16432	16.446	ug/l	99
82) 4-Chlorotoluene	12.849	91	142874	16.665	ug/l	99
83) tert-Butylbenzene	13.068	119	150994	16.994	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	169128	17.205	ug/l	98
85) sec-Butylbenzene	13.251	105	223242	17.128	ug/l	99
86) p-Isopropyltoluene	13.367	119	184085	17.298	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	95385	17.901	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	96138	18.005	ug/l	98
89) n-Butylbenzene	13.690	91	176372	17.035	ug/l	98
90) Hexachloroethane	13.959	117	34942	15.986	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	88121	18.051	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	9917	18.960	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	54033	17.436	ug/l	99
94) Hexachlorobutadiene	15.111	225	29071	17.071	ug/l	98
95) Naphthalene	15.233	128	133805	18.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	48312	17.541	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
Data File : VY014844.D
Acq On : 26 Jul 2023 13:07
Operator : SY/MD
Sample : VY0726SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0726SBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

Quant Time: Jul 26 13:44:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
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\VY072623\
 Data File : VY014844.D
 Acq On : 26 Jul 2023 13:07
 Operator : SY/MD
 Sample : VY0726SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SoIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0726SBS01

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/27/2023
 Supervised By : Mahesh Dadoda 07/27/2023

Quant Time: Jul 26 13:44:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

