

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009371.D
 Acq On : 29 Jun 2022 14:10
 Operator : KP/MD
 Sample : VY0629SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 29 17:43:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	137713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	223910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	208616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55629	50.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.860%	
35) Dibromofluoromethane	7.710	113	59241	48.072	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.140%	
50) Toluene-d8	10.179	98	188821	49.974	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.940%	
62) 4-Bromofluorobenzene	12.477	95	90859	50.703	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	23631	20.843	ug/l	98
3) Chloromethane	2.107	50	23728	19.235	ug/l	100
4) Vinyl Chloride	2.247	62	29012	20.330	ug/l	97
5) Bromomethane	2.631	94	20311	22.180	ug/l	100
6) Chloroethane	2.784	64	17185	22.585	ug/l	94
7) Trichlorofluoromethane	3.113	101	39806	21.025	ug/l	97
8) Diethyl Ether	3.521	74	14509	19.614	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.881	101	26342	19.410	ug/l	95
10) Methyl Iodide	4.082	142	28783	19.321	ug/l	90
11) Tert butyl alcohol	4.936	59	29997	148.318	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	25380	20.502	ug/l #	72
13) Acrolein	3.723	56	9598	104.258	ug/l	98
14) Allyl chloride	4.466	41	43280	19.080	ug/l	98
15) Acrylonitrile	5.155	53	42847	102.244	ug/l	99
16) Acetone	3.942	43	35908	99.124	ug/l	90
17) Carbon Disulfide	4.186	76	64150	18.629	ug/l	100
18) Methyl Acetate	4.460	43	22636	21.551	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	75443	20.321	ug/l	98
20) Methylene Chloride	4.704	84	34462	15.933	ug/l	88
21) trans-1,2-Dichloroethene	5.204	96	29457	19.875	ug/l	81
22) Diisopropyl ether	6.112	45	103741	21.671	ug/l	97
23) Vinyl Acetate	6.051	43	321301	107.143	ug/l	98
24) 1,1-Dichloroethane	6.009	63	53848	20.007	ug/l	97
25) 2-Butanone	6.978	43	60522	105.382	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	52760	20.712	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	35176	20.429	ug/l	92
28) Bromochloromethane	7.326	49	23163	20.043	ug/l #	93
29) Tetrahydrofuran	7.344	42	39604	107.560	ug/l	95
30) Chloroform	7.502	83	56299	20.352	ug/l	97
31) Cyclohexane	7.777	56	48865	19.696	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	49231	19.874	ug/l	97
36) 1,1-Dichloropropene	7.911	75	41870	19.432	ug/l	96
37) Ethyl Acetate	7.070	43	26420	20.676	ug/l #	93
38) Carbon Tetrachloride	7.893	117	44087	19.575	ug/l	98
39) Methylcyclohexane	9.179	83	49886	19.562	ug/l	92
40) Benzene	8.155	78	128914	20.458	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009371.D
 Acq On : 29 Jun 2022 14:10
 Operator : KP/MD
 Sample : VY0629SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Quant Time: Jun 29 17:43:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	12731m	17.635	ug/l	
42) 1,2-Dichloroethane	8.234	62	37393	20.687	ug/l	94
43) Isopropyl Acetate	8.264	43	49608	21.145	ug/l	95
44) Trichloroethene	8.935	130	35018	20.001	ug/l	93
45) 1,2-Dichloropropane	9.209	63	33894	21.235	ug/l	97
46) Dibromomethane	9.301	93	18451	20.178	ug/l	97
47) Bromodichloromethane	9.496	83	44302	20.458	ug/l	93
48) Methyl methacrylate	9.289	41	21399	21.158	ug/l #	90
49) 1,4-Dioxane	9.295	88	5191	407.251	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	134880	111.505	ug/l	96
52) Toluene	10.240	92	84638	21.289	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	46168	21.313	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	51665	19.976	ug/l	89
55) 1,1,2-Trichloroethane	10.642	97	26761	21.997	ug/l	94
56) Ethyl methacrylate	10.508	69	35491	22.855	ug/l	88
57) 1,3-Dichloropropane	10.788	76	45406	21.068	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	89702	104.331	ug/l	97
59) 2-Hexanone	10.831	43	93358	111.726	ug/l	95
60) Dibromochloromethane	10.977	129	32050	20.817	ug/l	96
61) 1,2-Dibromoethane	11.087	107	24356	19.941	ug/l	96
64) Tetrachloroethene	10.715	164	38905	20.032	ug/l	92
65) Chlorobenzene	11.514	112	91465	20.491	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	33010	20.161	ug/l	96
67) Ethyl Benzene	11.587	91	159032	20.537	ug/l	98
68) m/p-Xylenes	11.703	106	128659	41.551	ug/l	91
69) o-Xylene	12.026	106	59650	20.413	ug/l	90
70) Styrene	12.044	104	99808	20.615	ug/l	96
71) Bromoform	12.203	173	21093	20.502	ug/l #	99
73) Isopropylbenzene	12.325	105	158265	19.543	ug/l	100
74) N-amyl acetate	12.142	43	45193	21.275	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	31285	19.943	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	23102m	17.992	ug/l	
77) Bromobenzene	12.605	156	37663	19.509	ug/l	98
78) n-propylbenzene	12.666	91	196229	19.919	ug/l	99
79) 2-Chlorotoluene	12.751	91	108658	19.541	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	132406	19.551	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	11052	19.164	ug/l	92
82) 4-Chlorotoluene	12.849	91	114520	19.818	ug/l	98
83) tert-Butylbenzene	13.075	119	115225	20.251	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	132877	20.647	ug/l	98
85) sec-Butylbenzene	13.251	105	179214	20.912	ug/l	99
86) p-Isopropyltoluene	13.367	119	148355	20.586	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	76290	20.003	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	78785	20.074	ug/l	98
89) n-Butylbenzene	13.696	91	136234	20.119	ug/l	100
90) Hexachloroethane	13.959	117	28586	20.007	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	70175	20.287	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5095	19.379	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	38763	18.878	ug/l	100
94) Hexachlorobutadiene	15.111	225	22596	19.602	ug/l	99
95) Naphthalene	15.233	128	73664	17.918	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	33626	18.849	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009371.D
 Acq On : 29 Jun 2022 14:10
 Operator : KP/MD
 Sample : VY0629SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VY0629SBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 29 17:43:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

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

