

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078979.D
 Acq On : 22 May 2024 15:06
 Operator : RP/MD
 Sample : VD0522SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
 Supervised By :Semsettin Yesilyurt 05/23/2024

Quant Time: May 23 06:04:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	116229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	200040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	59638	54.702	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.400%			
35) Dibromofluoromethane	7.804	113	67547	50.726	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.460%			
50) Toluene-d8	10.269	98	258264	51.736	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.480%			
62) 4-Bromofluorobenzene	12.569	95	74195	52.907	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	20186	18.587	ug/l	95
3) Chloromethane	2.146	50	38886	25.147	ug/l	96
4) Vinyl Chloride	2.275	62	61200	26.025	ug/l	98
5) Bromomethane	2.675	94	52767	23.680	ug/l	99
6) Chloroethane	2.822	64	46955	22.586	ug/l	95
7) Trichlorofluoromethane	3.164	101	39364	17.293	ug/l	92
8) Diethyl Ether	3.593	74	11116	21.040	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.958	101	22998	19.133	ug/l	99
10) Methyl Iodide	4.158	142	25727	17.915	ug/l	99
11) Tert butyl alcohol	5.063	59	6359	134.157	ug/l #	97
12) 1,1-Dichloroethene	3.934	96	23425	19.909	ug/l	92
13) Acrolein	3.793	56	9860	90.851	ug/l	99
14) Allyl chloride	4.552	41	23657	20.605	ug/l	98
15) Acrylonitrile	5.246	53	23929	113.549	ug/l	96
16) Acetone	4.016	43	15769	90.714	ug/l	98
17) Carbon Disulfide	4.263	76	70869	19.580	ug/l	99
18) Methyl Acetate	4.558	43	9245m	23.098	ug/l	
19) Methyl tert-butyl Ether	5.316	73	47306	20.634	ug/l	95
20) Methylene Chloride	4.793	84	38422	24.843	ug/l	94
21) trans-1,2-Dichloroethene	5.310	96	27028	20.609	ug/l	95
22) Diisopropyl ether	6.222	45	55220	21.265	ug/l #	96
23) Vinyl Acetate	6.152	43	159138	102.175	ug/l	97
24) 1,1-Dichloroethane	6.110	63	44675	21.702	ug/l	100
25) 2-Butanone	7.087	43	23986	103.168	ug/l	93
26) 2,2-Dichloropropane	7.069	77	38335	21.191	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	30922	20.080	ug/l	92
28) Bromochloromethane	7.422	49	14122	20.571	ug/l	92
29) Tetrahydrofuran	7.446	42	14593	108.518	ug/l	96
30) Chloroform	7.599	83	50192	21.527	ug/l	95
31) Cyclohexane	7.875	56	28960	18.182	ug/l #	94
32) 1,1,1-Trichloroethane	7.787	97	42754	21.412	ug/l	99
36) 1,1-Dichloropropene	8.010	75	31048	18.737	ug/l	96
37) Ethyl Acetate	7.163	43	11156	19.755	ug/l	99
38) Carbon Tetrachloride	7.993	117	37396	19.284	ug/l	92
39) Methylcyclohexane	9.275	83	32218	16.002	ug/l	97
40) Benzene	8.246	78	105712	19.724	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078979.D
 Acq On : 22 May 2024 15:06
 Operator : RP/MD
 Sample : VD0522SBSD01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
 Supervised By :Semsettin Yesilyurt 05/23/2024

Quant Time: May 23 06:04:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	4846m	15.948	ug/l	
42) 1,2-Dichloroethane	8.322	62	25458	19.624	ug/l	98
43) Isopropyl Acetate	8.357	43	21890	21.846	ug/l #	80
44) Trichloroethene	9.028	130	27235	19.158	ug/l	93
45) 1,2-Dichloropropane	9.304	63	24904	21.145	ug/l	92
46) Dibromomethane	9.393	93	14645	18.889	ug/l	97
47) Bromodichloromethane	9.581	83	35751	19.156	ug/l #	97
48) Methyl methacrylate	9.381	41	8259	16.932	ug/l #	81
49) 1,4-Dioxane	9.375	88	2825	414.218	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	54061	101.293	ug/l	96
52) Toluene	10.334	92	68881	20.078	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	30624	19.310	ug/l	99
54) cis-1,3-Dichloropropene	10.010	75	37278	19.584	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	20573	20.538	ug/l #	91
56) Ethyl methacrylate	10.598	69	20028	19.434	ug/l	98
57) 1,3-Dichloropropane	10.875	76	32341	20.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	43698	98.683	ug/l	98
59) 2-Hexanone	10.922	43	37418	100.725	ug/l	97
60) Dibromochloromethane	11.069	129	27579	20.197	ug/l	96
61) 1,2-Dibromoethane	11.181	107	19191	21.012	ug/l	98
64) Tetrachloroethene	10.810	164	23031	19.450	ug/l	93
65) Chlorobenzene	11.604	112	78706	20.274	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	26909	20.050	ug/l	97
67) Ethyl Benzene	11.681	91	121026	19.382	ug/l	98
68) m/p-Xylenes	11.792	106	100207	39.472	ug/l	99
69) o-Xylene	12.122	106	44614	19.277	ug/l	95
70) Styrene	12.134	104	80687	19.671	ug/l	98
71) Bromoform	12.298	173	15875	20.649	ug/l #	97
73) Isopropylbenzene	12.422	105	114073	19.496	ug/l	98
74) N-amyl acetate	12.234	43	20356	21.441	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	22466	21.286	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	14556m	21.091	ug/l	
77) Bromobenzene	12.698	156	30273	19.675	ug/l	96
78) n-propylbenzene	12.763	91	142147	20.100	ug/l	99
79) 2-Chlorotoluene	12.845	91	78753	20.035	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	96218	19.793	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	7895	22.685	ug/l	98
82) 4-Chlorotoluene	12.945	91	82697	20.054	ug/l	98
83) tert-Butylbenzene	13.163	119	83598	19.445	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	97992	19.461	ug/l	99
85) sec-Butylbenzene	13.345	105	129453	20.186	ug/l	100
86) p-Isopropyltoluene	13.457	119	105547	18.890	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	62878	19.312	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	62122	19.482	ug/l	97
89) n-Butylbenzene	13.786	91	91284	18.232	ug/l	98
90) Hexachloroethane	14.051	117	23125	19.621	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	55463	20.359	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2689	19.138	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	30158	18.854	ug/l	99
94) Hexachlorobutadiene	15.198	225	15957	19.089	ug/l	94
95) Naphthalene	15.333	128	53930	19.793	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	27108	19.051	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078979.D
Acq On : 22 May 2024 15:06
Operator : RP/MD
Sample : VD0522SBSD01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0522SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/23/2024
Supervised By :Semsettin Yesilyurt 05/23/2024

Quant Time: May 23 06:04:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
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_D\Data\VD052224\
 Data File : VD078979.D
 Acq On : 22 May 2024 15:06
 Operator : RP/MD
 Sample : VD0522SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0522SBS01

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 05/23/2024
 Supervised By : Semsettin Yesilyurt 05/23/2024

Quant Time: May 23 06:04:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

