

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074582.D
 Acq On : 19 Oct 2022 16:45
 Operator : VA/SY
 Sample : VD1019SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Quant Time: Oct 20 06:45:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	96405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	143958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	129287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	34996	47.547	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.100%			
35) Dibromofluoromethane	7.804	113	42441	53.284	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.560%			
50) Toluene-d8	10.269	98	145488	50.493	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.980%			
62) 4-Bromofluorobenzene	12.569	95	43434	52.495	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	15086	20.160	ug/l	95
3) Chloromethane	2.146	50	21165	20.894	ug/l	91
4) Vinyl Chloride	2.281	62	22745	20.304	ug/l	97
5) Bromomethane	2.681	94	18386	21.674	ug/l	91
6) Chloroethane	2.834	64	15653	20.324	ug/l	97
7) Trichlorofluoromethane	3.175	101	31429	19.793	ug/l	99
8) Diethyl Ether	3.587	74	9326	20.281	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.963	101	20611	20.128	ug/l	99
10) Methyl Iodide	4.163	142	21196	18.586	ug/l	100
11) Tert butyl alcohol	5.028	59	12068	125.559	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	21125	20.626	ug/l	89
13) Acrolein	3.798	56	7552	95.801	ug/l	90
14) Allyl chloride	4.557	41	23043	20.834	ug/l	97
15) Acrylonitrile	5.257	53	19432	103.396	ug/l	96
16) Acetone	4.022	43	14262	88.735	ug/l	98
17) Carbon Disulfide	4.269	76	57385	20.476	ug/l	99
18) Methyl Acetate	4.575	43	10252	21.993	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	41145	20.558	ug/l	99
20) Methylene Chloride	4.804	84	30576	18.376	ug/l	93
21) trans-1,2-Dichloroethene	5.310	96	22505	19.711	ug/l	96
22) Diisopropyl ether	6.216	45	46776	20.958	ug/l	93
23) Vinyl Acetate	6.157	43	102868	105.399	ug/l	100
24) 1,1-Dichloroethane	6.116	63	35614	20.560	ug/l	96
25) 2-Butanone	7.081	43	20003	93.070	ug/l	95
26) 2,2-Dichloropropane	7.075	77	32558	19.665	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	25339	20.010	ug/l	99
28) Bromochloromethane	7.434	49	5794	14.884	ug/l #	99
29) Tetrahydrofuran	7.445	42	12349	105.345	ug/l	97
30) Chloroform	7.598	83	37558	20.150	ug/l	94
31) Cyclohexane	7.875	56	30317	20.505	ug/l	99
32) 1,1,1-Trichloroethane	7.792	97	34654	20.274	ug/l	97
36) 1,1-Dichloropropene	8.010	75	28698	22.191	ug/l	98
37) Ethyl Acetate	7.163	43	9507	23.300	ug/l #	78
38) Carbon Tetrachloride	7.992	117	27622	21.812	ug/l	96
39) Methylcyclohexane	9.275	83	32371	20.949	ug/l	97
40) Benzene	8.251	78	87221	22.725	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074582.D
 Acq On : 19 Oct 2022 16:45
 Operator : VA/SY
 Sample : VD1019SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 06:45:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	4110	18.696	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	20649	23.314	ug/l	99
43) Isopropyl Acetate	8.363	43	16949	22.351	ug/l	99
44) Trichloroethene	9.028	130	22845	20.318	ug/l	98
45) 1,2-Dichloropropane	9.304	63	17357	20.607	ug/l	91
46) Dibromomethane	9.392	93	10112	20.805	ug/l	94
47) Bromodichloromethane	9.586	83	25430	21.146	ug/l #	94
48) Methyl methacrylate	9.381	41	7365	21.252	ug/l	96
49) 1,4-Dioxane	9.381	88	1879	392.794	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	39206	103.946	ug/l	97
52) Toluene	10.333	92	51520	21.766	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	22102	20.904	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	26941	20.209	ug/l	96
55) 1,1,2-Trichloroethane	10.733	97	14490	21.698	ug/l	97
56) Ethyl methacrylate	10.598	69	15835	21.692	ug/l	99
57) 1,3-Dichloropropane	10.875	76	23468	21.663	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	11586	88.969	ug/l	96
59) 2-Hexanone	10.922	43	26337	102.304	ug/l	95
60) Dibromochloromethane	11.075	129	16952	21.060	ug/l	97
61) 1,2-Dibromoethane	11.175	107	13419	22.013	ug/l	99
64) Tetrachloroethene	10.810	164	18833	19.707	ug/l	93
65) Chlorobenzene	11.604	112	56347	20.691	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.680	131	18659	19.943	ug/l	95
67) Ethyl Benzene	11.680	91	95827	20.208	ug/l	98
68) m/p-Xylenes	11.792	106	78050	41.395	ug/l	98
69) o-Xylene	12.122	106	35114	20.010	ug/l	97
70) Styrene	12.133	104	61194	20.707	ug/l	98
71) Bromoform	12.298	173	9696	19.738	ug/l #	96
73) Isopropylbenzene	12.422	105	95949	19.937	ug/l	100
74) N-amyl acetate	12.233	43	14126	19.858	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.674	83	15184	19.930	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	10225m	18.976	ug/l	
77) Bromobenzene	12.698	156	22615	20.820	ug/l	96
78) n-propylbenzene	12.763	91	114995	20.218	ug/l	99
79) 2-Chlorotoluene	12.851	91	60893	19.762	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	79449	20.336	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	4010	19.018	ug/l	99
82) 4-Chlorotoluene	12.945	91	64273	20.303	ug/l	100
83) tert-Butylbenzene	13.163	119	69150	19.842	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	76923	20.009	ug/l	98
85) sec-Butylbenzene	13.345	105	103494	19.789	ug/l	99
86) p-Isopropyltoluene	13.457	119	88057	20.098	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	44818	19.856	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	44277	20.038	ug/l	100
89) n-Butylbenzene	13.786	91	79198	19.841	ug/l	99
90) Hexachloroethane	14.057	117	14949	19.602	ug/l	97
91) 1,2-Dichlorobenzene	13.827	146	38469	20.431	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2068	19.627	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	23446	18.877	ug/l	96
94) Hexachlorobutadiene	15.198	225	13788	20.178	ug/l	95
95) Naphthalene	15.333	128	44263	18.931	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	21244	19.953	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
Data File : VD074582.D
Acq On : 19 Oct 2022 16:45
Operator : VA/SY
Sample : VD1019SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 06:45:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
Response via : Initial Calibration

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

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

