

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
 Data File : VD072721.D
 Acq On : 28 Apr 2022 13:30
 Operator : VA/SY
 Sample : VD0428SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0428SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022

Quant Time: Apr 29 01:21:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 16:01:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	364963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	623293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	585682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	279888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	225919	46.624	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.240%		
35) Dibromofluoromethane	7.908	113	205907	49.606	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.220%		
50) Toluene-d8	10.332	98	772307	51.610	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.220%		
62) 4-Bromofluorobenzene	12.620	95	287502	50.942	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	100900	20.287	ug/l	96
3) Chloromethane	2.215	50	108432	19.305	ug/l	97
4) Vinyl Chloride	2.350	62	97971	19.344	ug/l	97
5) Bromomethane	2.756	94	60850	18.600	ug/l	93
6) Chloroethane	2.914	64	55982	18.218	ug/l	95
7) Trichlorofluoromethane	3.273	101	157228	19.409	ug/l	98
8) Diethyl Ether	3.714	74	42741	17.804	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	93279	20.196	ug/l	98
10) Methyl Iodide	4.303	142	92690	20.128	ug/l	99
11) Tert butyl alcohol	5.185	59	76311	231.247	ug/l #	79
12) 1,1-Dichloroethene	4.067	96	82339	19.048	ug/l	95
13) Acrolein	3.920	56	38984	95.006	ug/l	97
14) Allyl chloride	4.714	41	128537	17.563	ug/l	94
15) Acrylonitrile	5.420	53	101920	91.089	ug/l	98
16) Acetone	4.161	43	81972	86.323	ug/l #	87
17) Carbon Disulfide	4.409	76	285545	19.666	ug/l	100
18) Methyl Acetate	4.720	43	50773	18.556	ug/l #	91
19) Methyl tert-butyl Ether	5.479	73	200034	18.463	ug/l	99
20) Methylene Chloride	4.961	84	118519	7.577	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	96138	18.837	ug/l	90
22) Diisopropyl ether	6.361	45	299886	18.988	ug/l	94
23) Vinyl Acetate	6.303	43	807317	90.525	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	177025	19.009	ug/l	98
25) 2-Butanone	7.208	43	123695	87.289	ug/l	96
26) 2,2-Dichloropropane	7.208	77	143115	18.629	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	106679	18.863	ug/l	95
28) Bromochloromethane	7.538	49	66050	18.211	ug/l	91
29) Tetrahydrofuran	7.555	42	81066	90.908	ug/l	95
30) Chloroform	7.702	83	180468	18.751	ug/l	100
31) Cyclohexane	7.979	56	166019	19.735	ug/l	91
32) 1,1,1-Trichloroethane	7.902	97	158412	19.424	ug/l	97
36) 1,1-Dichloropropene	8.108	75	137902	19.829	ug/l	96
37) Ethyl Acetate	7.285	43	59452	18.771	ug/l #	96
38) Carbon Tetrachloride	8.091	117	137440	19.554	ug/l	98
39) Methylcyclohexane	9.349	83	159383	19.791	ug/l	98
40) Benzene	8.344	78	387226	19.557	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
 Data File : VD072721.D
 Acq On : 28 Apr 2022 13:30
 Operator : VA/SY
 Sample : VD0428SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0428SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022

Quant Time: Apr 29 01:21:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 16:01:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	28834	15.868	ug/l #	83
42) 1,2-Dichloroethane	8.414	62	114958	18.422	ug/l	97
43) Isopropyl Acetate	8.449	43	110940	18.433	ug/l	93
44) Trichloroethene	9.108	130	102820	19.628	ug/l	97
45) 1,2-Dichloropropane	9.385	63	97424	19.025	ug/l	96
46) Dibromomethane	9.473	93	54007	18.621	ug/l	98
47) Bromodichloromethane	9.655	83	137344	18.630	ug/l #	94
48) Methyl methacrylate	9.449	41	59518	19.714	ug/l	95
49) 1,4-Dioxane	9.455	88	11492	359.005	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	290343	93.870	ug/l	97
52) Toluene	10.396	92	244371	19.756	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	126954	18.661	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	151301	19.067	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	74064	18.971	ug/l	97
56) Ethyl methacrylate	10.649	69	86561	18.922	ug/l	91
57) 1,3-Dichloropropane	10.938	76	128904	19.356	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	179381	87.302	ug/l	99
59) 2-Hexanone	10.979	43	193140	93.127	ug/l	99
60) Dibromochloromethane	11.132	129	89933	18.763	ug/l	98
61) 1,2-Dibromoethane	11.238	107	70613	19.062	ug/l	97
64) Tetrachloroethene	10.867	164	83722	20.842	ug/l	92
65) Chlorobenzene	11.661	112	257925	19.950	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	93561	19.306	ug/l	97
67) Ethyl Benzene	11.738	91	457814	20.169	ug/l	99
68) m/p-Xylenes	11.843	106	357736	41.328	ug/l	100
69) o-Xylene	12.173	106	164585	20.120	ug/l	99
70) Styrene	12.185	104	283929	20.394	ug/l	99
71) Bromoform	12.349	173	49965	19.207	ug/l #	96
73) Isopropylbenzene	12.467	105	438654	20.503	ug/l	99
74) N-amyl acetate	12.279	43	108189	19.574	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	81164	18.929	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	61234m	20.296	ug/l	
77) Bromobenzene	12.749	156	100342	19.697	ug/l	96
78) n-propylbenzene	12.808	91	552613	20.666	ug/l	99
79) 2-Chlorotoluene	12.896	91	318297	20.342	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	369745	20.441	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	25362	18.659	ug/l	89
82) 4-Chlorotoluene	12.990	91	337278	20.477	ug/l	100
83) tert-Butylbenzene	13.208	119	306364	20.248	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	368608	20.407	ug/l	100
85) sec-Butylbenzene	13.385	105	472980	20.693	ug/l	100
86) p-Isopropyltoluene	13.502	119	386334	20.650	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	201613	20.116	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	196903	19.694	ug/l	98
89) n-Butylbenzene	13.826	91	366051	20.111	ug/l	99
90) Hexachloroethane	14.096	117	76651	20.430	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	175240	19.929	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	14263	20.263	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	99235	19.426	ug/l	97
94) Hexachlorobutadiene	15.249	225	55670	20.525	ug/l	98
95) Naphthalene	15.384	128	179571	18.668	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	88536	19.663	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
Data File : VD072721.D
Acq On : 28 Apr 2022 13:30
Operator : VA/SY
Sample : VD0428SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

Quant Time: Apr 29 01:21:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 27 16:01:06 2022
Response via : Initial Calibration

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

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

