

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111021\
 Data File : VD070966.D
 Acq On : 10 Nov 2021 11:51
 Operator : VA/SY
 Sample : VD1110SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1110SBS01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/16/2021

Quant Time: Nov 11 06:27:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	332591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	575044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	524882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	236578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	172970	48.846	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.700%		
35) Dibromofluoromethane	7.914	113	165377	50.966	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.940%		
50) Toluene-d8	10.332	98	630209	49.593	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.180%		
62) 4-Bromofluorobenzene	12.620	95	223057	48.750	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	59325	20.878	ug/l	98
3) Chloromethane	2.209	50	69472	20.546	ug/l	100
4) Vinyl Chloride	2.344	62	70568	21.701	ug/l	95
5) Bromomethane	2.750	94	47596	21.473	ug/l	97
6) Chloroethane	2.915	64	42644	20.418	ug/l	92
7) Trichlorofluoromethane	3.268	101	99531	19.018	ug/l	95
8) Diethyl Ether	3.709	74	29997	17.319	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	59445	18.427	ug/l	97
10) Methyl Iodide	4.303	142	55068	18.578	ug/l	98
11) Tert butyl alcohol	5.220	59	20052	77.482	ug/l #	87
12) 1,1-Dichloroethene	4.068	96	56440	17.871	ug/l	86
13) Acrolein	3.920	56	8596	105.579	ug/l	93
14) Allyl chloride	4.715	41	113305	17.224	ug/l #	84
15) Acrylonitrile	5.409	53	71614	86.407	ug/l	100
16) Acetone	4.156	43	59344	76.938	ug/l	94
17) Carbon Disulfide	4.409	76	184545	18.097	ug/l	98
18) Methyl Acetate	4.720	43	54354	17.892	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	139798	17.147	ug/l	98
20) Methylene Chloride	4.962	84	76107	18.637	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	64036	17.690	ug/l	85
22) Diisopropyl ether	6.362	45	221587	16.944	ug/l	93
23) Vinyl Acetate	6.303	43	519687m	89.184	ug/l	
24) 1,1-Dichloroethane	6.262	63	122488	17.536	ug/l	97
25) 2-Butanone	7.203	43	89105	86.595	ug/l #	83
26) 2,2-Dichloropropane	7.203	77	102665	17.415	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	71130	17.190	ug/l	93
28) Bromochloromethane	7.538	49	61535	20.770	ug/l	90
29) Tetrahydrofuran	7.561	42	61915	86.054	ug/l	93
30) Chloroform	7.708	83	115359	17.370	ug/l	97
31) Cyclohexane	7.979	56	130632	17.938	ug/l #	96
32) 1,1,1-Trichloroethane	7.903	97	100867	17.684	ug/l	94
36) 1,1-Dichloropropene	8.108	75	95218	18.546	ug/l	96
37) Ethyl Acetate	7.291	43	42247	18.036	ug/l	94
38) Carbon Tetrachloride	8.097	117	86926	18.385	ug/l	96
39) Methylcyclohexane	9.350	83	119818	18.070	ug/l	99
40) Benzene	8.344	78	259472	17.945	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	24793	16.955	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	73598	17.971	ug/l	97
43) Isopropyl Acetate	8.450	43	84665	17.079	ug/l	91
44) Trichloroethene	9.108	130	67972	18.238	ug/l	94
45) 1,2-Dichloropropane	9.379	63	67528	17.269	ug/l	93
46) Dibromomethane	9.467	93	32598	17.514	ug/l	96
47) Bromodichloromethane	9.655	83	86925	17.657	ug/l	96
48) Methyl methacrylate	9.450	41	42288	17.389	ug/l #	80
49) 1,4-Dioxane	9.455	88	7925	367.489	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	209053	86.981	ug/l	91
52) Toluene	10.397	92	160976	17.661	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	85057	17.133	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	102328	17.479	ug/l #	84
55) 1,1,2-Trichloroethane	10.791	97	43821	17.130	ug/l	93
56) Ethyl methacrylate	10.655	69	62661	17.312	ug/l #	79
57) 1,3-Dichloropropane	10.938	76	81409	17.524	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	188939	100.411	ug/l	100
59) 2-Hexanone	10.973	43	142160	86.753	ug/l	92
60) Dibromochloromethane	11.132	129	54378	17.719	ug/l	99
61) 1,2-Dibromoethane	11.238	107	42463	17.065	ug/l	96
64) Tetrachloroethene	10.867	164	54604	17.840	ug/l	92
65) Chlorobenzene	11.661	112	163978	17.510	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	58696	17.658	ug/l	99
67) Ethyl Benzene	11.738	91	316552	17.849	ug/l	98
68) m/p-Xylenes	11.844	106	235507	35.529	ug/l	97
69) o-Xylene	12.173	106	110155	17.471	ug/l	95
70) Styrene	12.185	104	191754	17.962	ug/l	99
71) Bromoform	12.349	173	30239	17.445	ug/l #	99
73) Isopropylbenzene	12.467	105	301359	17.682	ug/l	98
74) N-amyl acetate	12.279	43	82465	16.936	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	50925	17.359	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	36993m	18.306	ug/l	
77) Bromobenzene	12.749	156	63432	17.419	ug/l	97
78) n-propylbenzene	12.808	91	373972	17.708	ug/l	99
79) 2-Chlorotoluene	12.896	91	208558	17.320	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	245923	17.525	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	15154	16.831	ug/l #	83
82) 4-Chlorotoluene	12.991	91	216089	17.388	ug/l	99
83) tert-Butylbenzene	13.208	119	213489	17.661	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	239193	17.405	ug/l	99
85) sec-Butylbenzene	13.391	105	326265	17.953	ug/l	100
86) p-Isopropyltoluene	13.502	119	261714	17.934	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	126789	17.807	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	127330	17.861	ug/l	98
89) n-Butylbenzene	13.826	91	260210	17.743	ug/l	100
90) Hexachloroethane	14.096	117	49280	17.065	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	108477	17.583	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	7877	16.372	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	71694	18.163	ug/l	96
94) Hexachlorobutadiene	15.249	225	36088	18.128	ug/l	98
95) Naphthalene	15.379	128	130975	17.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	60330	18.178	ug/l	98

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

