

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120421\
 Data File : VD071144.D
 Acq On : 04 Dec 2021 15:28
 Operator : VA/SY
 Sample : VD1204SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1204SBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/06/2021
 Supervised By :Mahesh Dadoda 12/06/2021

Quant Time: Dec 06 03:43:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	238737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	403414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	371705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	179016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	135641	48.421	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.840%		
35) Dibromofluoromethane	7.914	113	129314	50.338	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.680%		
50) Toluene-d8	10.332	98	467592	47.831	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.660%		
62) 4-Bromofluorobenzene	12.620	95	164764	48.621	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	41440	20.355	ug/l	97
3) Chloromethane	2.209	50	61322	22.768	ug/l	92
4) Vinyl Chloride	2.350	62	68018	22.636	ug/l	98
5) Bromomethane	2.762	94	50636	23.376	ug/l	96
6) Chloroethane	2.921	64	48314	23.377	ug/l #	84
7) Trichlorofluoromethane	3.274	101	81508	20.023	ug/l	98
8) Diethyl Ether	3.709	74	20907	18.945	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.091	101	45426	18.915	ug/l	96
10) Methyl Iodide	4.303	142	39616	17.456	ug/l	95
11) Tert butyl alcohol	5.203	59	34065	167.125	ug/l #	83
12) 1,1-Dichloroethene	4.068	96	41716	18.822	ug/l	82
13) Acrolein	3.921	56	18942	98.949	ug/l	97
14) Allyl chloride	4.715	41	81019	19.246	ug/l #	82
15) Acrylonitrile	5.426	53	53151	99.035	ug/l	96
16) Acetone	4.156	43	50002	89.736	ug/l	97
17) Carbon Disulfide	4.409	76	126155	19.442	ug/l	95
18) Methyl Acetate	4.721	43	41464	20.061	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	103434	19.043	ug/l	96
20) Methylene Chloride	4.962	84	65658	20.787	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	48121	19.288	ug/l	92
22) Diisopropyl ether	6.367	45	160316	19.008	ug/l	92
23) Vinyl Acetate	6.303	43	361515	97.850	ug/l	99
24) 1,1-Dichloroethane	6.256	63	96875	19.969	ug/l	98
25) 2-Butanone	7.215	43	72255	102.922	ug/l #	89
26) 2,2-Dichloropropane	7.215	77	77247	17.511	ug/l	94
27) cis-1,2-Dichloroethene	7.215	96	54690	19.377	ug/l	91
28) Bromochloromethane	7.544	49	47117	22.361	ug/l	89
29) Tetrahydrofuran	7.562	42	43326	97.401	ug/l	95
30) Chloroform	7.709	83	95653	19.647	ug/l	92
31) Cyclohexane	7.985	56	87168	18.293	ug/l #	91
32) 1,1,1-Trichloroethane	7.903	97	82194	18.804	ug/l	93
36) 1,1-Dichloropropene	8.109	75	71815	19.047	ug/l	99
37) Ethyl Acetate	7.297	43	30628	18.805	ug/l #	87
38) Carbon Tetrachloride	8.091	117	69490	18.697	ug/l	95
39) Methylcyclohexane	9.350	83	80756	17.807	ug/l	100
40) Benzene	8.350	78	198109	19.344	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	17455	23.877	ug/l #	79
42) 1,2-Dichloroethane	8.420	62	63476	20.305	ug/l	95
43) Isopropyl Acetate	8.450	43	61482	20.587	ug/l #	91
44) Trichloroethene	9.114	130	50967	18.665	ug/l	92
45) 1,2-Dichloropropane	9.385	63	52557	19.514	ug/l	92
46) Dibromomethane	9.473	93	27338	19.564	ug/l	93
47) Bromodichloromethane	9.656	83	70949	19.199	ug/l	94
48) Methyl methacrylate	9.450	41	30703	19.259	ug/l #	85
49) 1,4-Dioxane	9.456	88	6161	456.751	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	154524	104.474	ug/l	91
52) Toluene	10.397	92	124093	19.097	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	62283	18.331	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	74508	18.462	ug/l #	75
55) 1,1,2-Trichloroethane	10.797	97	37225	20.307	ug/l #	93
56) Ethyl methacrylate	10.655	69	42905	20.287	ug/l #	74
57) 1,3-Dichloropropane	10.938	76	64431	20.008	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	141285	113.263	ug/l	98
59) 2-Hexanone	10.979	43	106742	101.041	ug/l	89
60) Dibromochloromethane	11.138	129	44424	19.499	ug/l	99
61) 1,2-Dibromoethane	11.244	107	33568	19.067	ug/l	98
64) Tetrachloroethene	10.873	164	44278	18.764	ug/l	93
65) Chlorobenzene	11.661	112	128866	18.685	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	48444	19.238	ug/l	97
67) Ethyl Benzene	11.738	91	235481	18.137	ug/l	98
68) m/p-Xylenes	11.844	106	182755	37.285	ug/l	99
69) o-Xylene	12.173	106	83808	18.192	ug/l	96
70) Styrene	12.185	104	142944	18.410	ug/l	95
71) Bromoform	12.350	173	24999	19.163	ug/l #	96
73) Isopropylbenzene	12.473	105	220677	17.025	ug/l	100
74) N-amyl acetate	12.279	43	57405	20.032	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.720	83	39758	18.625	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	27208m	15.952	ug/l	
77) Bromobenzene	12.749	156	51689	18.410	ug/l	98
78) n-propylbenzene	12.814	91	282398	17.494	ug/l	100
79) 2-Chlorotoluene	12.897	91	161245	17.797	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	190038	17.779	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	11400	19.601	ug/l #	85
82) 4-Chlorotoluene	12.997	91	162593	17.287	ug/l	97
83) tert-Butylbenzene	13.214	119	157496	17.157	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	184980	17.726	ug/l	96
85) sec-Butylbenzene	13.391	105	246391	17.574	ug/l	100
86) p-Isopropyltoluene	13.508	119	200598	17.493	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	102502	18.340	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	104307	18.837	ug/l	99
89) n-Butylbenzene	13.832	91	196605	17.563	ug/l	98
90) Hexachloroethane	14.102	117	39309	18.083	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	91441	19.239	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	7004	20.148	ug/l	84
93) 1,2,4-Trichlorobenzene	15.143	180	53077	17.903	ug/l	96
94) Hexachlorobutadiene	15.249	225	29254	17.440	ug/l	99
95) Naphthalene	15.385	128	89652	17.154	ug/l	97
96) 1,2,3-Trichlorobenzene	15.579	180	45277	17.981	ug/l	97

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

