

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120421\
 Data File : VD071143.D
 Acq On : 04 Dec 2021 15:01
 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 03:42:54 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	7.973	168	246780	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	429132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	395316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	189391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	147337	50.882	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	101.760%		
35) Dibromofluoromethane	7.914	113	132867	48.622	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.240%		
50) Toluene-d8	10.338	98	479084	46.069	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.140%		
62) 4-Bromofluorobenzene	12.626	95	176028	48.832	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	42275	20.088	ug/l	93
3) Chloromethane	2.215	50	63458	22.793	ug/l	92
4) Vinyl Chloride	2.350	62	69375	22.335	ug/l	99
5) Bromomethane	2.762	94	50045	22.350	ug/l	90
6) Chloroethane	2.920	64	47364	22.170	ug/l	91
7) Trichlorofluoromethane	3.273	101	82618	19.634	ug/l	96
8) Diethyl Ether	3.715	74	21351	18.717	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.097	101	46274	18.640	ug/l	96
10) Methyl Iodide	4.297	142	36754	16.135	ug/l	94
11) Tert butyl alcohol	5.203	59	39727	201.302	ug/l #	79
12) 1,1-Dichloroethene	4.067	96	40561	17.705	ug/l #	71
13) Acrolein	3.920	56	18109	91.515	ug/l	97
14) Allyl chloride	4.714	41	78908	18.133	ug/l #	81
15) Acrylonitrile	5.414	53	57600	103.827	ug/l	97
16) Acetone	4.162	43	56539	95.270	ug/l #	84
17) Carbon Disulfide	4.409	76	124217	18.519	ug/l	96
18) Methyl Acetate	4.714	43	45030	21.077	ug/l	91
19) Methyl tert-butyl Ether	5.479	73	108627	19.347	ug/l	100
20) Methylene Chloride	4.962	84	68817	21.141	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	49514	19.200	ug/l	91
22) Diisopropyl ether	6.361	45	164044	18.816	ug/l	92
23) Vinyl Acetate	6.309	43	368604m	96.888	ug/l	
24) 1,1-Dichloroethane	6.261	63	94857	18.916	ug/l	95
25) 2-Butanone	7.208	43	77352	105.581	ug/l #	84
26) 2,2-Dichloropropane	7.208	77	77160	16.921	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	54273	18.602	ug/l	92
28) Bromochloromethane	7.550	49	47328	21.729	ug/l	88
29) Tetrahydrofuran	7.561	42	48642	105.788	ug/l	94
30) Chloroform	7.708	83	97339	19.341	ug/l	96
31) Cyclohexane	7.979	56	88744	18.017	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	83745	18.534	ug/l #	94
36) 1,1-Dichloropropene	8.108	75	70298	17.527	ug/l	97
37) Ethyl Acetate	7.291	43	33325	19.235	ug/l #	93
38) Carbon Tetrachloride	8.097	117	70891	17.931	ug/l	96
39) Methylcyclohexane	9.355	83	81490	16.892	ug/l	98
40) Benzene	8.350	78	201480	18.494	ug/l	98

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41) Methacrylonitrile	7.526	41	17698m	22.625	ug/l	
42) 1,2-Dichloroethane	8.420	62	66274	19.929	ug/l	94
43) Isopropyl Acetate	8.450	43	63033	20.030	ug/l	93
44) Trichloroethene	9.114	130	52684	18.137	ug/l	96
45) 1,2-Dichloropropane	9.385	63	53546	18.689	ug/l	98
46) Dibromomethane	9.467	93	28367	19.084	ug/l	97
47) Bromodichloromethane	9.655	83	75393	19.179	ug/l #	98
48) Methyl methacrylate	9.450	41	30877	18.207	ug/l #	80
49) 1,4-Dioxane	9.455	88	6895	480.532	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	167613	105.928	ug/l	91
52) Toluene	10.397	92	121163	17.528	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	64254	17.778	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	75822	17.661	ug/l #	77
55) 1,1,2-Trichloroethane	10.797	97	38143	19.561	ug/l	94
56) Ethyl methacrylate	10.655	69	44443	19.912	ug/l #	72
57) 1,3-Dichloropropane	10.938	76	65247	19.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	146472	110.384	ug/l	97
59) 2-Hexanone	10.979	43	117061	103.098	ug/l	86
60) Dibromochloromethane	11.138	129	46461	19.171	ug/l	100
61) 1,2-Dibromoethane	11.238	107	35991	19.218	ug/l	100
64) Tetrachloroethene	10.873	164	45296	18.049	ug/l	99
65) Chlorobenzene	11.661	112	131010	17.861	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	48289	18.031	ug/l	100
67) Ethyl Benzene	11.738	91	238223	17.253	ug/l	97
68) m/p-Xylenes	11.849	106	181213	34.762	ug/l	97
69) o-Xylene	12.173	106	83432	17.029	ug/l	99
70) Styrene	12.185	104	145563	17.628	ug/l	99
71) Bromoform	12.355	173	26255	18.923	ug/l #	98
73) Isopropylbenzene	12.473	105	226646	16.527	ug/l	99
74) N-amyl acetate	12.279	43	57373	19.240	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	42627	18.876	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	29562m	16.383	ug/l	
77) Bromobenzene	12.755	156	52724	17.750	ug/l	98
78) n-propylbenzene	12.814	91	279369	16.359	ug/l	99
79) 2-Chlorotoluene	12.896	91	156046	16.280	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	188792	16.695	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	11897	19.414	ug/l #	74
82) 4-Chlorotoluene	12.991	91	164615	16.543	ug/l	98
83) tert-Butylbenzene	13.214	119	154724	15.932	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	182481	16.528	ug/l	100
85) sec-Butylbenzene	13.390	105	244294	16.470	ug/l	99
86) p-Isopropyltoluene	13.508	119	198994	16.403	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	105174	17.787	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	101763	17.371	ug/l	96
89) n-Butylbenzene	13.832	91	194514	16.424	ug/l	99
90) Hexachloroethane	14.102	117	38308	16.657	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	90132	17.925	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	7656	20.817	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	51286	16.351	ug/l	99
94) Hexachlorobutadiene	15.249	225	28466	16.040	ug/l	96
95) Naphthalene	15.379	128	93556	16.920	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	46018	17.274	ug/l	98

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

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