

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074382.D
 Acq On : 21 Sep 2022 11:57
 Operator : VA/SY
 Sample : VD0921SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

Quant Time: Sep 22 05:11:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	87799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	152401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	138396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	69270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	47361	55.381	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.760%			
35) Dibromofluoromethane	7.799	113	49387	49.204	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.400%			
50) Toluene-d8	10.269	98	201978	58.319	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.640%			
62) 4-Bromofluorobenzene	12.569	95	63358	54.494	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	15798	19.533	ug/l	88
3) Chloromethane	2.140	50	25903	33.677	ug/l	98
4) Vinyl Chloride	2.275	62	15266	20.223	ug/l	100
5) Bromomethane	2.675	94	5178	11.095	ug/l	98
6) Chloroethane	2.822	64	9306	20.983	ug/l	94
7) Trichlorofluoromethane	3.164	101	29888	20.318	ug/l	98
8) Diethyl Ether	3.587	74	9806	20.913	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.958	101	19611	21.203	ug/l	97
10) Methyl Iodide	4.158	142	11693	10.234	ug/l	96
11) Tert butyl alcohol	5.028	59	18363	317.739	ug/l #	74
12) 1,1-Dichloroethene	3.934	96	19741	20.967	ug/l	97
13) Acrolein	3.799	56	5736	92.032	ug/l	93
14) Allyl chloride	4.558	41	28369	20.820	ug/l	96
15) Acrylonitrile	5.246	53	24950	120.718	ug/l	97
16) Acetone	4.016	43	20607	106.958	ug/l	99
17) Carbon Disulfide	4.263	76	57828	18.863	ug/l #	95
18) Methyl Acetate	4.558	43	13035	24.029	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	45673	22.653	ug/l	96
20) Methylene Chloride	4.793	84	28383	17.948	ug/l #	87
21) trans-1,2-Dichloroethene	5.310	96	20924	20.072	ug/l	93
22) Diisopropyl ether	6.216	45	65959	22.983	ug/l	95
23) Vinyl Acetate	6.152	43	154644	114.300	ug/l	99
24) 1,1-Dichloroethane	6.110	63	41454	22.441	ug/l	99
25) 2-Butanone	7.081	43	31170	108.620	ug/l	99
26) 2,2-Dichloropropane	7.075	77	35354	23.184	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	25088	21.722	ug/l	99
28) Bromochloromethane	7.428	49	14608	20.480	ug/l	99
29) Tetrahydrofuran	7.440	42	18967	115.333	ug/l	99
30) Chloroform	7.593	83	40556	22.327	ug/l	88
31) Cyclohexane	7.875	56	34298	19.123	ug/l	97
32) 1,1,1-Trichloroethane	7.787	97	34610	21.599	ug/l	96
36) 1,1-Dichloropropene	8.004	75	32031	20.906	ug/l	97
37) Ethyl Acetate	7.169	43	13482	21.964	ug/l #	96
38) Carbon Tetrachloride	7.987	117	25368	18.683	ug/l	92
39) Methylcyclohexane	9.269	83	36508	19.699	ug/l	98
40) Benzene	8.252	78	91190	21.226	ug/l	99

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41) Methacrylonitrile	7.393	41	7065	21.205	ug/l	87
42) 1,2-Dichloroethane	8.322	62	23839	21.727	ug/l	97
43) Isopropyl Acetate	8.363	43	25487	22.506	ug/l	99
44) Trichloroethene	9.022	130	23889	21.150	ug/l	89
45) 1,2-Dichloropropane	9.299	63	21958	20.323	ug/l	97
46) Dibromomethane	9.393	93	11734	21.114	ug/l	95
47) Bromodichloromethane	9.581	83	28962	21.158	ug/l #	99
48) Methyl methacrylate	9.381	41	12183	22.231	ug/l	98
49) 1,4-Dioxane	9.381	88	2895	476.001	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	65980	110.893	ug/l	98
52) Toluene	10.334	92	56607	21.392	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	29386	24.062	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	34918	22.099	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	16657	22.754	ug/l	97
56) Ethyl methacrylate	10.598	69	20726	21.613	ug/l	94
57) 1,3-Dichloropropane	10.881	76	29068	21.970	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	16712	83.780	ug/l	99
59) 2-Hexanone	10.922	43	45782	110.007	ug/l	98
60) Dibromochloromethane	11.069	129	19066	21.749	ug/l	99
61) 1,2-Dibromoethane	11.175	107	15026	21.373	ug/l	98
64) Tetrachloroethene	10.810	164	20403	21.749	ug/l	98
65) Chlorobenzene	11.604	112	61055	21.414	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.675	131	20216	20.648	ug/l	99
67) Ethyl Benzene	11.681	91	110163	21.061	ug/l	99
68) m/p-Xylenes	11.787	106	83083	41.466	ug/l	97
69) o-Xylene	12.122	106	39582	21.617	ug/l	99
70) Styrene	12.134	104	68166	21.859	ug/l	99
71) Bromoform	12.292	173	10967	20.874	ug/l #	98
73) Isopropylbenzene	12.416	105	107810	20.236	ug/l	99
74) N-amyl acetate	12.228	43	24284	20.625	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	19391	20.948	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	11469m	17.895	ug/l	
77) Bromobenzene	12.698	156	23427	20.123	ug/l	97
78) n-propylbenzene	12.757	91	132741	20.085	ug/l	98
79) 2-Chlorotoluene	12.845	91	70429	20.207	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	87260	20.031	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	5330	20.843	ug/l #	100
82) 4-Chlorotoluene	12.940	91	71621	19.816	ug/l	98
83) tert-Butylbenzene	13.163	119	75533	19.553	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	86479	20.178	ug/l	99
85) sec-Butylbenzene	13.339	105	115941	20.225	ug/l	100
86) p-Isopropyltoluene	13.457	119	95843	20.005	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	47558	19.873	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	47908	20.484	ug/l	100
89) n-Butylbenzene	13.781	91	92680	19.751	ug/l	100
90) Hexachloroethane	14.051	117	14431	15.960	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	40926	20.283	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	3031	22.027	ug/l	84
93) 1,2,4-Trichlorobenzene	15.092	180	27102	19.911	ug/l	98
94) Hexachlorobutadiene	15.198	225	14706	19.017	ug/l	99
95) Naphthalene	15.322	128	50162	19.882	ug/l	99
96) 1,2,3-Trichlorobenzene	15.510	180	23371	19.978	ug/l	99

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

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