

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073540.D
 Acq On : 13 Jun 2022 12:17
 Operator : VA/SY
 Sample : VD0613SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/14/2022
 Supervised By :Semsettin Yesilyurt 06/14/2022

Quant Time: Jun 13 15:31:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	289599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	472104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	459193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	240185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	160867	51.763	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.520%			
35) Dibromofluoromethane	7.908	113	164362	54.141	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.280%			
50) Toluene-d8	10.332	98	610825	53.217	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.440%			
62) 4-Bromofluorobenzene	12.620	95	226840	54.439	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	61302	22.197	ug/l	95
3) Chloromethane	2.209	50	58658	20.711	ug/l	97
4) Vinyl Chloride	2.344	62	55307	20.826	ug/l	95
5) Bromomethane	2.744	94	41192	21.637	ug/l	85
6) Chloroethane	2.903	64	34528	20.403	ug/l	92
7) Trichlorofluoromethane	3.262	101	113999	21.907	ug/l	99
8) Diethyl Ether	3.703	74	28900	19.406	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.085	101	64251	21.589	ug/l	93
10) Methyl Iodide	4.297	142	61568	19.961	ug/l	97
11) Tert butyl alcohol	5.179	59	53194	12.683	ug/l #	78
12) 1,1-Dichloroethene	4.062	96	56213	19.893	ug/l	86
13) Acrolein	3.915	56	10771	78.691	ug/l	99
14) Allyl chloride	4.709	41	80433	19.120	ug/l #	91
15) Acrylonitrile	5.420	53	66096	98.836	ug/l	96
16) Acetone	4.156	43	51362	93.862	ug/l	91
17) Carbon Disulfide	4.403	76	179827	20.077	ug/l	99
18) Methyl Acetate	4.720	43	31329	21.122	ug/l #	90
19) Methyl tert-butyl Ether	5.479	73	134139	19.890	ug/l	99
20) Methylene Chloride	4.956	84	85208	23.093	ug/l	84
21) trans-1,2-Dichloroethene	5.467	96	67800	19.834	ug/l	87
22) Diisopropyl ether	6.362	45	181502	19.994	ug/l #	90
23) Vinyl Acetate	6.303	43	481166	97.706	ug/l	95
24) 1,1-Dichloroethane	6.261	63	117933	20.267	ug/l	97
25) 2-Butanone	7.209	43	78546	97.554	ug/l	95
26) 2,2-Dichloropropane	7.203	77	106092	20.336	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	74276	20.100	ug/l	91
28) Bromochloromethane	7.544	49	42252	18.500	ug/l #	72
29) Tetrahydrofuran	7.561	42	49903	97.158	ug/l	89
30) Chloroform	7.703	83	128032	20.594	ug/l	100
31) Cyclohexane	7.979	56	100483	19.194	ug/l #	84
32) 1,1,1-Trichloroethane	7.897	97	114532	20.908	ug/l	97
36) 1,1-Dichloropropene	8.108	75	97254	21.330	ug/l	97
37) Ethyl Acetate	7.279	43	36910	20.040	ug/l #	92
38) Carbon Tetrachloride	8.091	117	105413	22.100	ug/l	95
39) Methylcyclohexane	9.350	83	105358	19.829	ug/l	95
40) Benzene	8.344	78	275557	20.777	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	17227	17.253	ug/l #	71
42) 1,2-Dichloroethane	8.420	62	78986	21.540	ug/l	96
43) Isopropyl Acetate	8.450	43	68619	19.364	ug/l #	89
44) Trichloroethene	9.108	130	76744	20.776	ug/l	97
45) 1,2-Dichloropropane	9.379	63	68973	20.993	ug/l	98
46) Dibromomethane	9.467	93	37989	20.525	ug/l	91
47) Bromodichloromethane	9.650	83	98977	21.341	ug/l	99
48) Methyl methacrylate	9.444	41	34258	19.517	ug/l #	79
49) 1,4-Dioxane	9.450	88	8184	384.440	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	181086	100.994	ug/l	92
52) Toluene	10.397	92	180139	21.177	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	89846	20.655	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	104762	20.565	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	54330	20.582	ug/l	93
56) Ethyl methacrylate	10.655	69	59888	19.801	ug/l #	80
57) 1,3-Dichloropropane	10.938	76	87983	20.463	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	122081	98.177	ug/l	94
59) 2-Hexanone	10.973	43	122939	100.116	ug/l	92
60) Dibromochloromethane	11.126	129	69369	21.292	ug/l	98
61) 1,2-Dibromoethane	11.232	107	52103	20.715	ug/l	98
64) Tetrachloroethene	10.867	164	63783	20.403	ug/l	95
65) Chlorobenzene	11.661	112	194587	20.596	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.732	131	76215	21.261	ug/l	98
67) Ethyl Benzene	11.738	91	332963	20.166	ug/l	100
68) m/p-Xylenes	11.844	106	265951	41.047	ug/l	99
69) o-Xylene	12.173	106	118934	19.949	ug/l	97
70) Styrene	12.185	104	212445	20.658	ug/l	98
71) Bromoform	12.349	173	42289	21.575	ug/l #	97
73) Isopropylbenzene	12.467	105	319295	19.179	ug/l	99
74) N-amyl acetate	12.273	43	68533	18.505	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	62399	19.744	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	45126m	19.340	ug/l	
77) Bromobenzene	12.744	156	80128	19.708	ug/l	89
78) n-propylbenzene	12.808	91	405945	19.590	ug/l	97
79) 2-Chlorotoluene	12.896	91	236355	19.622	ug/l	97
80) 1,3,5-Trimethylbenzene	12.944	105	284336	19.803	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	19056	19.169	ug/l	87
82) 4-Chlorotoluene	12.991	91	253176	19.937	ug/l	100
83) tert-Butylbenzene	13.208	119	228920	18.864	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	283510	19.783	ug/l	99
85) sec-Butylbenzene	13.385	105	352354	19.382	ug/l	97
86) p-Isopropyltoluene	13.502	119	299903	19.790	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	162678	19.595	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	160501	19.542	ug/l	98
89) n-Butylbenzene	13.826	91	274142	19.177	ug/l	99
90) Hexachloroethane	14.096	117	59405	18.929	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	142667	19.924	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	9714	19.245	ug/l	83
93) 1,2,4-Trichlorobenzene	15.143	180	82662	19.278	ug/l	99
94) Hexachlorobutadiene	15.249	225	46532	19.783	ug/l	98
95) Naphthalene	15.379	128	142684	19.268	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	70035	18.705	ug/l	99

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

