

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073557.D
 Acq On : 13 Jun 2022 20:38
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 01:29:58 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	243195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	405146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	403113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	218091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	145904	55.906	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.820%			
35) Dibromofluoromethane	7.902	113	143441	55.058	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.120%			
50) Toluene-d8	10.332	98	532465	54.057	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.120%			
62) 4-Bromofluorobenzene	12.620	95	199671	55.839	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	103774	44.745	ug/l	98
3) Chloromethane	2.209	50	104361	43.878	ug/l	96
4) Vinyl Chloride	2.344	62	101206	45.382	ug/l	99
5) Bromomethane	2.750	94	75377	47.149	ug/l	91
6) Chloroethane	2.914	64	68587	48.262	ug/l	94
7) Trichlorofluoromethane	3.261	101	221981	50.798	ug/l	95
8) Diethyl Ether	3.709	74	61775	49.397	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.091	101	121597	48.654	ug/l	94
10) Methyl Iodide	4.291	142	116950	39.885	ug/l	98
11) Tert butyl alcohol	5.220	59	52410	57.717	ug/l #	94
12) 1,1-Dichloroethene	4.061	96	114649	48.314	ug/l	88
13) Acrolein	3.920	56	21180	184.262	ug/l	97
14) Allyl chloride	4.703	41	161585	45.740	ug/l #	93
15) Acrylonitrile	5.408	53	151205	269.246	ug/l	98
16) Acetone	4.156	43	109266	237.781	ug/l #	87
17) Carbon Disulfide	4.403	76	357517	47.532	ug/l	100
18) Methyl Acetate	4.714	43	63666	49.170	ug/l #	91
19) Methyl tert-butyl Ether	5.473	73	315121	55.642	ug/l	97
20) Methylene Chloride	4.950	84	164383	57.586	ug/l #	81
21) trans-1,2-Dichloroethene	5.467	96	145064	50.535	ug/l	85
22) Diisopropyl ether	6.355	45	406953	53.384	ug/l #	95
23) Vinyl Acetate	6.297	43	1132473	273.839	ug/l #	91
24) 1,1-Dichloroethane	6.255	63	250432	51.249	ug/l	97
25) 2-Butanone	7.208	43	176366	260.841	ug/l #	89
26) 2,2-Dichloropropane	7.202	77	206618	47.162	ug/l	95
27) cis-1,2-Dichloroethene	7.202	96	167054	53.834	ug/l	87
28) Bromochloromethane	7.544	49	102751	53.575	ug/l #	71
29) Tetrahydrofuran	7.555	42	120776	280.011	ug/l #	85
30) Chloroform	7.702	83	291200	55.778	ug/l	98
31) Cyclohexane	7.973	56	196774	44.758	ug/l	88
32) 1,1,1-Trichloroethane	7.897	97	247565	53.817	ug/l	95
36) 1,1-Dichloropropene	8.102	75	200548	51.253	ug/l	96
37) Ethyl Acetate	7.285	43	83806	53.023	ug/l #	92
38) Carbon Tetrachloride	8.091	117	220603	53.894	ug/l	98
39) Methylcyclohexane	9.349	83	216070	47.386	ug/l	96
40) Benzene	8.344	78	589813	51.821	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	43659	50.950	ug/l #	75
42) 1,2-Dichloroethane	8.414	62	179448	57.025	ug/l	98
43) Isopropyl Acetate	8.444	43	159888	52.578	ug/l #	91
44) Trichloroethene	9.102	130	162580	51.286	ug/l	94
45) 1,2-Dichloropropane	9.379	63	150583	53.406	ug/l	99
46) Dibromomethane	9.461	93	90269	56.831	ug/l	94
47) Bromodichloromethane	9.655	83	225865	56.750	ug/l	99
48) Methyl methacrylate	9.449	41	77968	51.759	ug/l #	77
49) 1,4-Dioxane	9.455	88	20406	1116.983	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	436308	283.549	ug/l	91
52) Toluene	10.396	92	396696	54.343	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	201412	53.957	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	233736	53.465	ug/l #	85
55) 1,1,2-Trichloroethane	10.791	97	124698	55.046	ug/l	98
56) Ethyl methacrylate	10.655	69	146945	56.616	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	206380	55.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	289161	270.973	ug/l	93
59) 2-Hexanone	10.973	43	302702	287.248	ug/l	92
60) Dibromochloromethane	11.132	129	163152	58.353	ug/l	99
61) 1,2-Dibromoethane	11.238	107	123046	57.006	ug/l	98
64) Tetrachloroethene	10.867	164	135759	49.468	ug/l	96
65) Chlorobenzene	11.661	112	428782	51.697	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	170936	54.318	ug/l	98
67) Ethyl Benzene	11.732	91	754364	52.045	ug/l	99
68) m/p-Xylenes	11.843	106	595395	104.676	ug/l	99
69) o-Xylene	12.173	106	279164	53.339	ug/l	94
70) Styrene	12.185	104	502389	55.649	ug/l	97
71) Bromoform	12.349	173	96945	56.339	ug/l #	100
73) Isopropylbenzene	12.467	105	742559	49.122	ug/l	100
74) N-amyl acetate	12.279	43	163328	48.568	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	146548	51.068	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	103513m	48.858	ug/l	
77) Bromobenzene	12.749	156	185286	50.189	ug/l	89
78) n-propylbenzene	12.808	91	913513	48.549	ug/l	97
79) 2-Chlorotoluene	12.896	91	541529	49.512	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	646845	49.614	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	45398	50.294	ug/l	89
82) 4-Chlorotoluene	12.990	91	573831	49.766	ug/l	98
83) tert-Butylbenzene	13.208	119	530905	48.181	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	650894	50.020	ug/l	98
85) sec-Butylbenzene	13.384	105	809025	49.011	ug/l	99
86) p-Isopropyltoluene	13.502	119	686601	49.898	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	374146	49.633	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	370290	49.654	ug/l	99
89) n-Butylbenzene	13.826	91	627442	48.338	ug/l	99
90) Hexachloroethane	14.096	117	138549	48.621	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	330402	50.816	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	24370	53.173	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	185993	47.770	ug/l	99
94) Hexachlorobutadiene	15.249	225	97759	45.773	ug/l	97
95) Naphthalene	15.378	128	362335	46.333	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	172233	50.661	ug/l	99

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

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