

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072683.D
 Acq On : 21 Apr 2022 21:04
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/22/2022
 Supervised By : Mahesh Dadoda 04/22/2022

Quant Time: Apr 22 03:48:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	340567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	582737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	546180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	278872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208086	50.509	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.020%			
35) Dibromofluoromethane	7.908	113	217403	48.006	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.020%			
50) Toluene-d8	10.332	98	718559	45.646	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.300%			
62) 4-Bromofluorobenzene	12.620	95	287638	46.786	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	118478	43.834	ug/l	96
3) Chloromethane	2.203	50	132243	52.897	ug/l	96
4) Vinyl Chloride	2.344	62	133890	46.660	ug/l	96
5) Bromomethane	2.756	94	90898	47.184	ug/l	94
6) Chloroethane	2.915	64	97417	52.906	ug/l	99
7) Trichlorofluoromethane	3.267	101	298226	50.834	ug/l	97
8) Diethyl Ether	3.703	74	98048	56.239	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.091	101	194356	49.674	ug/l	96
10) Methyl Iodide	4.297	142	167092	46.128	ug/l	99
11) Tert butyl alcohol	5.214	59	97383	447.606	ug/l #	93
12) 1,1-Dichloroethene	4.061	96	157159	51.377	ug/l	87
13) Acrolein	3.914	56	16037	166.106	ug/l	97
14) Allyl chloride	4.714	41	277356	51.598	ug/l #	91
15) Acrylonitrile	5.414	53	241902	277.444	ug/l	99
16) Acetone	4.156	43	180586	235.074	ug/l	92
17) Carbon Disulfide	4.409	76	304774	46.295	ug/l	99
18) Methyl Acetate	4.714	43	109446	50.571	ug/l #	89
19) Methyl tert-butyl Ether	5.473	73	518899	58.119	ug/l	100
20) Methylene Chloride	4.956	84	253670	55.467	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	191407	51.247	ug/l	88
22) Diisopropyl ether	6.361	45	695047	56.554	ug/l #	90
23) Vinyl Acetate	6.303	43	1824152	275.306	ug/l #	93
24) 1,1-Dichloroethane	6.261	63	407362	55.006	ug/l	98
25) 2-Butanone	7.203	43	292935	275.715	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	333649	50.723	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	259214	55.812	ug/l	90
28) Bromochloromethane	7.544	49	185525	58.467	ug/l #	78
29) Tetrahydrofuran	7.555	42	189306	295.121	ug/l	89
30) Chloroform	7.702	83	453253	54.408	ug/l	96
31) Cyclohexane	7.979	56	269536	50.035	ug/l	89
32) 1,1,1-Trichloroethane	7.897	97	387504	54.842	ug/l	96
36) 1,1-Dichloropropene	8.108	75	278748	48.207	ug/l	96
37) Ethyl Acetate	7.291	43	134966	56.245	ug/l #	96
38) Carbon Tetrachloride	8.091	117	318128	50.990	ug/l	99
39) Methylcyclohexane	9.349	83	331292	49.203	ug/l	95
40) Benzene	8.344	78	856396	54.148	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	81579	57.901	ug/l #	89
42) 1,2-Dichloroethane	8.420	62	263237	54.453	ug/l	96
43) Isopropyl Acetate	8.444	43	268795	58.397	ug/l #	94
44) Trichloroethene	9.108	130	237972	52.999	ug/l	93
45) 1,2-Dichloropropane	9.379	63	235892	53.616	ug/l	97
46) Dibromomethane	9.467	93	126298	54.716	ug/l	97
47) Bromodichloromethane	9.655	83	353021	53.235	ug/l #	98
48) Methyl methacrylate	9.449	41	121770	54.491	ug/l #	81
49) 1,4-Dioxane	9.455	88	32687	1190.440	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	708366	286.809	ug/l	92
52) Toluene	10.396	92	562677	53.553	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	315600	54.615	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	360935	52.828	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	191665	54.771	ug/l	96
56) Ethyl methacrylate	10.649	69	231139	53.630	ug/l	85
57) 1,3-Dichloropropane	10.938	76	312184	53.963	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	481606	278.761	ug/l	96
59) 2-Hexanone	10.973	43	478878	285.127	ug/l	93
60) Dibromochloromethane	11.132	129	241916	53.592	ug/l	98
61) 1,2-Dibromoethane	11.238	107	174011	56.006	ug/l	100
64) Tetrachloroethene	10.867	164	176563	49.478	ug/l	92
65) Chlorobenzene	11.661	112	626930	51.340	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	253984	52.024	ug/l	100
67) Ethyl Benzene	11.732	91	1125074	52.803	ug/l	99
68) m/p-Xylenes	11.843	106	857594	106.091	ug/l	99
69) o-Xylene	12.167	106	416590	53.414	ug/l	98
70) Styrene	12.185	104	729608	53.080	ug/l	98
71) Bromoform	12.349	173	137671	53.194	ug/l #	98
73) Isopropylbenzene	12.467	105	1134593	50.377	ug/l	100
74) N-amyl acetate	12.279	43	255624	54.094	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	213871	50.135	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	150948m	49.629	ug/l	
77) Bromobenzene	12.749	156	254102	50.337	ug/l	94
78) n-propylbenzene	12.808	91	1343058	49.432	ug/l	99
79) 2-Chlorotoluene	12.896	91	794032	49.973	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	956563	49.592	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	64620	52.133	ug/l	89
82) 4-Chlorotoluene	12.990	91	822045	49.675	ug/l	100
83) tert-Butylbenzene	13.208	119	849652	50.881	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	944043	50.050	ug/l	99
85) sec-Butylbenzene	13.385	105	1244766	49.488	ug/l	100
86) p-Isopropyltoluene	13.502	119	1014478	49.344	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	518537	49.573	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	502502	47.664	ug/l	99
89) n-Butylbenzene	13.826	91	945072	48.254	ug/l	99
90) Hexachloroethane	14.096	117	203890	48.443	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	454342	49.246	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.484	75	35151	55.716	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	275297	48.140	ug/l	99
94) Hexachlorobutadiene	15.249	225	148803	46.454	ug/l	98
95) Naphthalene	15.379	128	558634	50.274	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	247483	49.585	ug/l	99

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

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