

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071604.D
 Acq On : 04 Jan 2022 20:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 01:31:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	275618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	475745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	451590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	224338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	196823	53.770	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.540%			
35) Dibromofluoromethane	7.914	113	170909	53.453	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.900%			
50) Toluene-d8	10.338	98	609706	50.460	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.920%			
62) 4-Bromofluorobenzene	12.626	95	219651	51.157	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	124152	42.988	ug/l	100
3) Chloromethane	2.215	50	171577	46.397	ug/l	100
4) Vinyl Chloride	2.356	62	196878	44.426	ug/l	98
5) Bromomethane	2.773	94	137336	44.299	ug/l	100
6) Chloroethane	2.926	64	141015	47.948	ug/l	88
7) Trichlorofluoromethane	3.279	101	263017	48.481	ug/l	95
8) Diethyl Ether	3.709	74	82063	52.837	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	150828	47.787	ug/l	94
10) Methyl Iodide	4.309	142	170059	55.404	ug/l	95
11) Tert butyl alcohol	5.220	59	46277	147.753	ug/l	95
12) 1,1-Dichloroethene	4.073	96	135355	47.138	ug/l #	78
13) Acrolein	3.920	56	23582	133.364	ug/l	94
14) Allyl chloride	4.720	41	285951	52.649	ug/l #	79
15) Acrylonitrile	5.426	53	216312	282.810	ug/l	95
16) Acetone	4.156	43	265162	288.400	ug/l	91
17) Carbon Disulfide	4.414	76	374794	40.059	ug/l	100
18) Methyl Acetate	4.720	43	163014	57.443	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	402070	54.242	ug/l	100
20) Methylene Chloride	4.967	84	211092	62.258	ug/l	91
21) trans-1,2-Dichloroethene	5.479	96	159599	47.987	ug/l	86
22) Diisopropyl ether	6.367	45	631906	57.152	ug/l	95
23) Vinyl Acetate	6.308	43	1595379	279.899	ug/l	97
24) 1,1-Dichloroethane	6.267	63	337317	53.216	ug/l	97
25) 2-Butanone	7.214	43	309175	281.525	ug/l #	88
26) 2,2-Dichloropropane	7.214	77	271189	52.070	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	197588	53.711	ug/l	92
28) Bromochloromethane	7.550	49	140102	53.937	ug/l	85
29) Tetrahydrofuran	7.567	42	183052	277.612	ug/l	93
30) Chloroform	7.714	83	350843	54.856	ug/l	98
31) Cyclohexane	7.985	56	275194	44.256	ug/l	97
32) 1,1,1-Trichloroethane	7.908	97	301854	53.216	ug/l #	94
36) 1,1-Dichloropropene	8.114	75	247594	48.469	ug/l	97
37) Ethyl Acetate	7.291	43	132117	56.022	ug/l #	92
38) Carbon Tetrachloride	8.102	117	256362	50.868	ug/l	99
39) Methylcyclohexane	9.355	83	270040	45.159	ug/l	98
40) Benzene	8.350	78	704718	51.318	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	82653	59.005	ug/l #	74
42) 1,2-Dichloroethane	8.426	62	246703	55.093	ug/l	93
43) Isopropyl Acetate	8.450	43	250969	53.625	ug/l #	88
44) Trichloroethene	9.114	130	178202	49.797	ug/l	90
45) 1,2-Dichloropropane	9.385	63	191775	53.818	ug/l #	89
46) Dibromomethane	9.473	93	102524	52.078	ug/l	94
47) Bromodichloromethane	9.655	83	274390	54.897	ug/l	96
48) Methyl methacrylate	9.455	41	130610	56.396	ug/l #	78
49) 1,4-Dioxane	9.461	88	19859	892.676	ug/l #	88
51) 4-Methyl-2-Pentanone	10.226	43	674598	273.976	ug/l	91
52) Toluene	10.402	92	449987	51.584	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	252016	53.995	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	290217	53.810	ug/l #	80
55) 1,1,2-Trichloroethane	10.796	97	137469	55.013	ug/l	93
56) Ethyl methacrylate	10.655	69	183084	55.677	ug/l #	72
57) 1,3-Dichloropropane	10.944	76	248787	54.354	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	445613	282.900	ug/l	100
59) 2-Hexanone	10.979	43	492728	283.104	ug/l	87
60) Dibromochloromethane	11.132	129	173037	55.086	ug/l	99
61) 1,2-Dibromoethane	11.243	107	135136	54.600	ug/l	98
64) Tetrachloroethene	10.873	164	147667	47.055	ug/l	96
65) Chlorobenzene	11.667	112	465937	50.300	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	182327	53.879	ug/l	98
67) Ethyl Benzene	11.738	91	894770	51.903	ug/l	98
68) m/p-Xylenes	11.849	106	678159	103.543	ug/l	96
69) o-Xylene	12.173	106	319689	53.399	ug/l	95
70) Styrene	12.190	104	554719	53.337	ug/l	97
71) Bromoform	12.355	173	100072	54.648	ug/l #	99
73) Isopropylbenzene	12.473	105	857691	49.590	ug/l	99
74) N-amyl acetate	12.279	43	240092	51.741	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	164693	52.669	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	118478m	44.448	ug/l	
77) Bromobenzene	12.755	156	187498	48.718	ug/l	94
78) n-propylbenzene	12.814	91	1061203	48.951	ug/l	100
79) 2-Chlorotoluene	12.902	91	603986	49.853	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	730136	51.181	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.520	75	44576	47.252	ug/l #	72
82) 4-Chlorotoluene	12.996	91	634940	50.524	ug/l	99
83) tert-Butylbenzene	13.214	119	604091	49.556	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	710503	50.323	ug/l	98
85) sec-Butylbenzene	13.390	105	933620	50.238	ug/l	100
86) p-Isopropyltoluene	13.508	119	774804	50.247	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	382868	49.397	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	371492	48.881	ug/l	98
89) n-Butylbenzene	13.832	91	752106	49.694	ug/l	98
90) Hexachloroethane	14.096	117	147002	50.324	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	333344	50.676	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	27299	50.342	ug/l	93
93) 1,2,4-Trichlorobenzene	15.149	180	199049	49.656	ug/l	98
94) Hexachlorobutadiene	15.249	225	106072	49.396	ug/l	99
95) Naphthalene	15.384	128	390342	51.158	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	168785	48.681	ug/l	97

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

