

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072047.D
 Acq On : 22 Feb 2022 09:30
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 23 05:28:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Mahesh Dadoda 02/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	506819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	798933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	741790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	360843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	290122	55.186	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.380%			
35) Dibromofluoromethane	7.908	113	275461	56.908	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.820%			
50) Toluene-d8	10.332	98	1097822	61.158	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 122.320%			
62) 4-Bromofluorobenzene	12.626	95	383101	58.101	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	214471	44.882	ug/l	96
3) Chloromethane	2.209	50	205867	47.603	ug/l	99
4) Vinyl Chloride	2.350	62	202952	47.046	ug/l	95
5) Bromomethane	2.767	94	133477	49.414	ug/l	97
6) Chloroethane	2.920	64	130347	47.804	ug/l	95
7) Trichlorofluoromethane	3.273	101	403044	48.292	ug/l	96
8) Diethyl Ether	3.709	74	109404	45.983	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	243318	46.663	ug/l	99
10) Methyl Iodide	4.297	142	246566	43.281	ug/l	99
11) Tert butyl alcohol	5.214	59	63314	211.075	ug/l	100
12) 1,1-Dichloroethene	4.067	96	221186	47.757	ug/l	96
13) Acrolein	3.920	56	133301	225.362	ug/l	97
14) Allyl chloride	4.714	41	373547	46.021	ug/l	95
15) Acrylonitrile	5.414	53	283166	220.209	ug/l	99
16) Acetone	4.156	43	289060	254.415	ug/l	92
17) Carbon Disulfide	4.409	76	628991	48.805	ug/l	100
18) Methyl Acetate	4.720	43	120518	41.549	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	529931	47.034	ug/l	99
20) Methylene Chloride	4.967	84	247215	43.719	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	249682	47.978	ug/l	98
22) Diisopropyl ether	6.361	45	780829	46.068	ug/l	97
23) Vinyl Acetate	6.303	43	2195018	242.507	ug/l	100
24) 1,1-Dichloroethane	6.261	63	469065	46.518	ug/l	100
25) 2-Butanone	7.208	43	361939	230.485	ug/l	96
26) 2,2-Dichloropropane	7.208	77	394682	48.914	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	285220	47.836	ug/l	99
28) Bromochloromethane	7.544	49	195580	45.499	ug/l	99
29) Tetrahydrofuran	7.561	42	223099	222.611	ug/l	99
30) Chloroform	7.708	83	483601	46.712	ug/l	98
31) Cyclohexane	7.985	56	429398	46.242	ug/l	97
32) 1,1,1-Trichloroethane	7.902	97	435365	48.866	ug/l	98
36) 1,1-Dichloropropene	8.108	75	368162	50.211	ug/l	100
37) Ethyl Acetate	7.291	43	157952	46.455	ug/l	98
38) Carbon Tetrachloride	8.091	117	382409	50.885	ug/l	99
39) Methylcyclohexane	9.355	83	442933	51.614	ug/l	97
40) Benzene	8.350	78	1032280	49.893	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	93916	44.543	ug/l	99
42) 1,2-Dichloroethane	8.420	62	301060	48.509	ug/l	99
43) Isopropyl Acetate	8.449	43	293687	46.384	ug/l	99
44) Trichloroethene	9.108	130	278413	49.372	ug/l	98
45) 1,2-Dichloropropane	9.385	63	264903	47.999	ug/l	100
46) Dibromomethane	9.467	93	138643	47.602	ug/l	99
47) Bromodichloromethane	9.655	83	364706	48.543	ug/l	99
48) Methyl methacrylate	9.449	41	151579	47.392	ug/l	96
49) 1,4-Dioxane	9.455	88	33306	963.971	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	801259	238.786	ug/l	100
52) Toluene	10.396	92	673899	50.897	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	338946	49.329	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	393488	48.385	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	197608	48.212	ug/l	100
56) Ethyl methacrylate	10.655	69	240109	49.056	ug/l	98
57) 1,3-Dichloropropane	10.938	76	347005	48.984	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	433765	198.093	ug/l	99
59) 2-Hexanone	10.979	43	578406	252.713	ug/l	100
60) Dibromochloromethane	11.132	129	247566	48.368	ug/l	97
61) 1,2-Dibromoethane	11.238	107	187829	47.955	ug/l	100
64) Tetrachloroethene	10.873	164	235795	50.349	ug/l	94
65) Chlorobenzene	11.661	112	711146	49.466	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	265974	49.847	ug/l	98
67) Ethyl Benzene	11.738	91	1307822	51.734	ug/l	100
68) m/p-Xylenes	11.843	106	1009229	104.289	ug/l	99
69) o-Xylene	12.173	106	466771	51.274	ug/l	98
70) Styrene	12.185	104	810402	51.874	ug/l	100
71) Bromoform	12.355	173	149830	48.960	ug/l #	96
73) Isopropylbenzene	12.473	105	1284754	51.855	ug/l	100
74) N-amyl acetate	12.279	43	288102	48.157	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	222387	45.400	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	179508m	52.519	ug/l	
77) Bromobenzene	12.749	156	288763	49.770	ug/l	100
78) n-propylbenzene	12.814	91	1584455	52.030	ug/l	99
79) 2-Chlorotoluene	12.896	91	888966	50.437	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1082366	52.319	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	66660	48.839	ug/l	97
82) 4-Chlorotoluene	12.996	91	920390	50.174	ug/l	100
83) tert-Butylbenzene	13.214	119	927047	52.155	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	1064614	52.348	ug/l	100
85) sec-Butylbenzene	13.390	105	1408447	52.017	ug/l	99
86) p-Isopropyltoluene	13.508	119	1173580	52.696	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	584076	49.800	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	572570	48.586	ug/l	98
89) n-Butylbenzene	13.832	91	1129481	53.335	ug/l	99
90) Hexachloroethane	14.096	117	226363	50.637	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	509412	49.530	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	35147	46.058	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	318364	50.394	ug/l	99
94) Hexachlorobutadiene	15.249	225	178638	51.423	ug/l	98
95) Naphthalene	15.384	128	576728	50.288	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	280125	51.406	ug/l	99

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

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