

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012622\
 Data File : VD071787.D
 Acq On : 26 Jan 2022 14:24
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/27/2022
 Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 26 14:36:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 26 14:05:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	417253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	687005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	637437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	302478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	268617	50.032	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.060%			
35) Dibromofluoromethane	7.914	113	226754	49.943	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.880%			
50) Toluene-d8	10.338	98	873833	51.415	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.840%			
62) 4-Bromofluorobenzene	12.626	95	297430	49.664	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	235414	68.721	ug/l	99
3) Chloromethane	2.215	50	279500	61.877	ug/l	95
4) Vinyl Chloride	2.350	62	304833	58.758	ug/l	95
5) Bromomethane	2.773	94	191213	49.036	ug/l	95
6) Chloroethane	2.926	64	194246	52.540	ug/l	96
7) Trichlorofluoromethane	3.279	101	441039	59.969	ug/l	100
8) Diethyl Ether	3.709	74	121130	62.623	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.103	101	252487	58.737	ug/l	97
10) Methyl Iodide	4.309	142	285681	69.509	ug/l	97
11) Tert butyl alcohol	5.220	59	82264	162.631	ug/l	98
12) 1,1-Dichloroethene	4.073	96	239560	64.222	ug/l	99
13) Acrolein	3.926	56	107380	204.917	ug/l	100
14) Allyl chloride	4.720	41	450980	60.974	ug/l	96
15) Acrylonitrile	5.420	53	313425	306.614	ug/l	98
16) Acetone	4.156	43	398754	321.696	ug/l	97
17) Carbon Disulfide	4.415	76	804429	81.308	ug/l	100
18) Methyl Acetate	4.720	43	152968	39.379	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	587318	59.648	ug/l	97
20) Methylene Chloride	4.967	84	275991	50.726	ug/l	95
21) trans-1,2-Dichloroethene	5.479	96	274900	64.534	ug/l	99
22) Diisopropyl ether	6.362	45	923748	58.001	ug/l	96
23) Vinyl Acetate	6.309	43	2663551	358.371	ug/l	99
24) 1,1-Dichloroethane	6.267	63	519991	57.199	ug/l	98
25) 2-Butanone	7.214	43	461953	315.431	ug/l	94
26) 2,2-Dichloropropane	7.209	77	423963	55.538	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	298879	59.445	ug/l	97
28) Bromochloromethane	7.550	49	197790	44.663	ug/l	94
29) Tetrahydrofuran	7.561	42	268421	318.601	ug/l	97
30) Chloroform	7.708	83	518376	55.763	ug/l	99
31) Cyclohexane	7.985	56	493343	61.670	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	452678	55.249	ug/l	97
36) 1,1-Dichloropropene	8.114	75	408463	63.068	ug/l	99
37) Ethyl Acetate	7.297	43	191964	63.863	ug/l	97
38) Carbon Tetrachloride	8.097	117	400153	61.010	ug/l	97
39) Methylcyclohexane	9.355	83	482143	68.921	ug/l	93
40) Benzene	8.350	78	1106618	62.015	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	116788	59.493	ug/l	98
42) 1,2-Dichloroethane	8.426	62	352479	58.354	ug/l	97
43) Isopropyl Acetate	8.450	43	354579	62.666	ug/l	99
44) Trichloroethene	9.108	130	279688	60.904	ug/l	96
45) 1,2-Dichloropropane	9.385	63	284608	59.001	ug/l	97
46) Dibromomethane	9.473	93	151889	61.518	ug/l	96
47) Bromodichloromethane	9.661	83	397296	58.609	ug/l	99
48) Methyl methacrylate	9.450	41	184388	64.487	ug/l #	88
49) 1,4-Dioxane	9.461	88	35123	1418.902	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	938955	314.162	ug/l	99
52) Toluene	10.402	92	691168	61.534	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	376442	63.306	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	427972	61.040	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	199916	61.764	ug/l	96
56) Ethyl methacrylate	10.655	69	262114	66.065	ug/l	94
57) 1,3-Dichloropropane	10.944	76	360680	60.300	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	606419	276.874	ug/l	98
59) 2-Hexanone	10.979	43	703646	337.077	ug/l	97
60) Dibromochloromethane	11.132	129	249119	60.465	ug/l	100
61) 1,2-Dibromoethane	11.244	107	194415	62.780	ug/l	97
64) Tetrachloroethene	10.873	164	235711	62.951	ug/l	96
65) Chlorobenzene	11.667	112	708994	58.124	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	258279	55.843	ug/l	98
67) Ethyl Benzene	11.738	91	1342809	59.964	ug/l	98
68) m/p-Xylenes	11.849	106	1026981	123.307	ug/l	96
69) o-Xylene	12.173	106	469266	59.528	ug/l	99
70) Styrene	12.185	104	810885	60.012	ug/l	99
71) Bromoform	12.355	173	138419	61.291	ug/l #	99
73) Isopropylbenzene	12.473	105	1261946	58.055	ug/l	98
74) N-amyl acetate	12.279	43	321411	60.279	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	223034	57.903	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	160466m	54.902	ug/l	
77) Bromobenzene	12.749	156	273193	58.183	ug/l	97
78) n-propylbenzene	12.814	91	1590691	58.187	ug/l	100
79) 2-Chlorotoluene	12.896	91	891107	57.834	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1056496	58.170	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	69376	66.174	ug/l	91
82) 4-Chlorotoluene	12.996	91	918188	57.440	ug/l	99
83) tert-Butylbenzene	13.214	119	873330	56.274	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1046184	58.248	ug/l	100
85) sec-Butylbenzene	13.391	105	1355419	57.022	ug/l	100
86) p-Isopropyltoluene	13.502	119	1120916	57.436	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	555432	57.321	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	547991	55.433	ug/l	99
89) n-Butylbenzene	13.832	91	1079490	55.233	ug/l	100
90) Hexachloroethane	14.102	117	210502	54.518	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	478971	57.676	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	37490	60.557	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	279458	58.392	ug/l	100
94) Hexachlorobutadiene	15.249	225	146886	52.352	ug/l	99
95) Naphthalene	15.385	128	549143	64.806	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	243932	59.815	ug/l	98

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

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