

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061622\
 Data File : VD073628.D
 Acq On : 16 Jun 2022 20:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 06/17/2022
 Supervised By : Semsettin Yesilyurt 06/17/2022

Quant Time: Jun 17 01:07:20 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	7.967	168	253252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	421820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	411150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	211440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	160614	59.098	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.200%			
35) Dibromofluoromethane	7.908	113	160928	59.329	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.660%			
50) Toluene-d8	10.332	98	595555	58.072	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.140%			
62) 4-Bromofluorobenzene	12.620	95	222100	59.656	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	107841	44.652	ug/l	98
3) Chloromethane	2.209	50	105508	42.598	ug/l	99
4) Vinyl Chloride	2.344	62	98723	42.510	ug/l	99
5) Bromomethane	2.756	94	71573	42.991	ug/l	90
6) Chloroethane	2.915	64	64028	43.265	ug/l	97
7) Trichlorofluoromethane	3.262	101	233638	51.342	ug/l	100
8) Diethyl Ether	3.709	74	66066	50.730	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.085	101	136212	52.338	ug/l	94
10) Methyl Iodide	4.297	142	143871	46.361	ug/l	99
11) Tert butyl alcohol	5.191	59	69807m	142.814	ug/l	
12) 1,1-Dichloroethene	4.061	96	123217	49.863	ug/l	83
13) Acrolein	3.920	56	19176	160.203	ug/l	100
14) Allyl chloride	4.703	41	184995	50.287	ug/l #	94
15) Acrylonitrile	5.409	53	152898	261.449	ug/l	100
16) Acetone	4.150	43	113460	237.102	ug/l	92
17) Carbon Disulfide	4.403	76	367884	46.968	ug/l	98
18) Methyl Acetate	4.714	43	65629	48.687	ug/l #	88
19) Methyl tert-butyl Ether	5.467	73	324811	55.075	ug/l	97
20) Methylene Chloride	4.956	84	173846	58.537	ug/l #	80
21) trans-1,2-Dichloroethene	5.461	96	157907	52.824	ug/l	90
22) Diisopropyl ether	6.356	45	430944	54.286	ug/l #	93
23) Vinyl Acetate	6.297	43	1195193	277.528	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	268985	52.860	ug/l	97
25) 2-Butanone	7.203	43	176098	250.102	ug/l #	84
26) 2,2-Dichloropropane	7.203	77	229722	50.353	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	177910	55.056	ug/l	90
28) Bromochloromethane	7.538	49	101388	50.765	ug/l #	68
29) Tetrahydrofuran	7.555	42	119767	266.645	ug/l #	88
30) Chloroform	7.702	83	308583	56.760	ug/l	98
31) Cyclohexane	7.979	56	216984	47.395	ug/l	86
32) 1,1,1-Trichloroethane	7.897	97	265738	55.474	ug/l	95
36) 1,1-Dichloropropene	8.102	75	212645	52.197	ug/l	95
37) Ethyl Acetate	7.285	43	81190	49.337	ug/l #	95
38) Carbon Tetrachloride	8.091	117	237921	55.827	ug/l	97
39) Methylcyclohexane	9.349	83	237832	50.096	ug/l	98
40) Benzene	8.344	78	627839	52.981	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	43192	48.413	ug/l #	77
42) 1,2-Dichloroethane	8.414	62	187581	57.253	ug/l	97
43) Isopropyl Acetate	8.444	43	162436	51.304	ug/l #	91
44) Trichloroethene	9.108	130	171422	51.938	ug/l	96
45) 1,2-Dichloropropane	9.379	63	156569	53.334	ug/l	96
46) Dibromomethane	9.467	93	89484	54.110	ug/l	93
47) Bromodichloromethane	9.655	83	234725	56.645	ug/l #	97
48) Methyl methacrylate	9.449	41	85005	54.200	ug/l #	84
49) 1,4-Dioxane	9.449	88	20990	1103.533	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	434596	271.272	ug/l	90
52) Toluene	10.396	92	422959	55.650	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	216011	55.581	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	251205	55.189	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	127514	54.064	ug/l	99
56) Ethyl methacrylate	10.649	69	150680	55.760	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	212261	55.252	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	290893	261.821	ug/l	93
59) 2-Hexanone	10.973	43	295772	269.577	ug/l	91
60) Dibromochloromethane	11.132	129	166236	57.106	ug/l	100
61) 1,2-Dibromoethane	11.238	107	124128	55.234	ug/l	100
64) Tetrachloroethene	10.867	164	144531	51.635	ug/l	97
65) Chlorobenzene	11.661	112	452463	53.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	175195	54.583	ug/l	100
67) Ethyl Benzene	11.732	91	807235	54.604	ug/l	98
68) m/p-Xylenes	11.843	106	639309	110.200	ug/l	98
69) o-Xylene	12.167	106	298796	55.974	ug/l	97
70) Styrene	12.185	104	524704	56.985	ug/l	98
71) Bromoform	12.349	173	98490	56.118	ug/l #	100
73) Isopropylbenzene	12.467	105	792986	54.108	ug/l	99
74) N-amyl acetate	12.279	43	166395	51.036	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	145479	52.290	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	102987m	50.138	ug/l	
77) Bromobenzene	12.749	156	191760	53.576	ug/l	89
78) n-propylbenzene	12.808	91	980917	53.771	ug/l	99
79) 2-Chlorotoluene	12.896	91	566997	53.471	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	694144	54.916	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	45844	52.386	ug/l	87
82) 4-Chlorotoluene	12.990	91	598112	53.503	ug/l	98
83) tert-Butylbenzene	13.208	119	595190	55.714	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	696771	55.230	ug/l	98
85) sec-Butylbenzene	13.385	105	872250	54.504	ug/l	99
86) p-Isopropyltoluene	13.502	119	739153	55.407	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	384269	52.579	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	385231	53.282	ug/l	99
89) n-Butylbenzene	13.826	91	683623	54.323	ug/l	99
90) Hexachloroethane	14.096	117	146217	52.926	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	347323	55.099	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	22621	50.910	ug/l	84
93) 1,2,4-Trichlorobenzene	15.143	180	202161	53.556	ug/l	99
94) Hexachlorobutadiene	15.249	225	110427	53.331	ug/l	98
95) Naphthalene	15.384	128	376016	49.299	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	175143	53.137	ug/l	98

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

