

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081222\
 Data File : VD074075.D
 Acq On : 12 Aug 2022 21:10
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
 Supervised By :Semsettin Yesilyurt 08/16/2022

Quant Time: Aug 13 01:51:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 01:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	90084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	156503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	159740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	90782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	45659	66.748	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.500%			
35) Dibromofluoromethane	7.908	113	50703	48.777	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.560%			
50) Toluene-d8	10.332	98	124803	45.371	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.740%			
62) 4-Bromofluorobenzene	12.620	95	66494	52.018	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	35411	44.371	ug/l	98
3) Chloromethane	2.209	50	65519	54.205	ug/l	96
4) Vinyl Chloride	2.344	62	81686	42.604	ug/l	94
5) Bromomethane	2.762	94	63374	47.976	ug/l	98
6) Chloroethane	2.914	64	68350	49.815	ug/l	98
7) Trichlorofluoromethane	3.267	101	101826	55.791	ug/l	92
8) Diethyl Ether	3.709	74	28196	67.220	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.079	101	47174	45.178	ug/l	97
10) Methyl Iodide	4.291	142	60687	56.590	ug/l	99
11) Tert butyl alcohol	5.226	59	21380	461.264	ug/l #	90
12) 1,1-Dichloroethene	4.056	96	42126	46.765	ug/l	94
13) Acrolein	3.914	56	22634	322.025	ug/l	93
14) Allyl chloride	4.709	41	63701	55.017	ug/l	98
15) Acrylonitrile	5.414	53	71724	412.129	ug/l	98
16) Acetone	4.156	43	54973	381.384	ug/l	93
17) Carbon Disulfide	4.403	76	126719	43.384	ug/l	98
18) Methyl Acetate	4.709	43	34411	86.412	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	147013	73.222	ug/l	96
20) Methylene Chloride	4.956	84	68858	73.108	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	54846	50.707	ug/l	92
22) Diisopropyl ether	6.361	45	164140	65.914	ug/l	97
23) Vinyl Acetate	6.303	43	498551	380.152	ug/l	97
24) 1,1-Dichloroethane	6.255	63	100550	56.355	ug/l	99
25) 2-Butanone	7.202	43	90833	402.966	ug/l	99
26) 2,2-Dichloropropane	7.202	77	79310	46.503	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	66148	57.224	ug/l	98
28) Bromochloromethane	7.538	49	44411	64.498	ug/l	99
29) Tetrahydrofuran	7.555	42	58243	419.700	ug/l	96
30) Chloroform	7.702	83	121980	60.311	ug/l	97
31) Cyclohexane	7.973	56	66471	42.044	ug/l	97
32) 1,1,1-Trichloroethane	7.891	97	98543	51.221	ug/l	98
36) 1,1-Dichloropropene	8.102	75	72242	45.669	ug/l	100
37) Ethyl Acetate	7.285	43	42055	74.702	ug/l	96
38) Carbon Tetrachloride	8.091	117	81247	45.559	ug/l	96
39) Methylcyclohexane	9.349	83	76766	42.782	ug/l	96
40) Benzene	8.338	78	221354	51.619	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	20644	67.102	ug/l	98
42) 1,2-Dichloroethane	8.414	62	82214	62.196	ug/l	99
43) Isopropyl Acetate	8.444	43	81084	75.348	ug/l	99
44) Trichloroethene	9.102	130	62203	49.307	ug/l	98
45) 1,2-Dichloropropane	9.373	63	57664	55.873	ug/l	98
46) Dibromomethane	9.467	93	44812	67.434	ug/l	97
47) Bromodichloromethane	9.649	83	97420	58.930	ug/l #	97
48) Methyl methacrylate	9.444	41	38485	74.963	ug/l	91
49) 1,4-Dioxane	9.455	88	10153	1563.205	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	220478	399.124	ug/l	99
52) Toluene	10.391	92	148104	51.742	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	91785	64.402	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	98133	59.577	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	55985	66.283	ug/l	97
56) Ethyl methacrylate	10.649	69	64289	72.496	ug/l	98
57) 1,3-Dichloropropane	10.932	76	91425	67.190	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	131458	355.278	ug/l	99
59) 2-Hexanone	10.973	43	150492	406.354	ug/l	98
60) Dibromochloromethane	11.126	129	74319	64.965	ug/l	98
61) 1,2-Dibromoethane	11.232	107	57643	67.571	ug/l	98
64) Tetrachloroethene	10.867	164	52004	43.459	ug/l	97
65) Chlorobenzene	11.655	112	173483	50.899	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	69633	53.757	ug/l	98
67) Ethyl Benzene	11.732	91	280253	47.198	ug/l	99
68) m/p-Xylenes	11.843	106	232756	98.131	ug/l	100
69) o-Xylene	12.167	106	111223	51.199	ug/l	99
70) Styrene	12.179	104	202853	55.146	ug/l	99
71) Bromoform	12.343	173	45434	63.733	ug/l #	97
73) Isopropylbenzene	12.467	105	274973	43.565	ug/l	99
74) N-amyl acetate	12.273	43	76563	63.514	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	68518	59.806	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	41984m	50.653	ug/l	
77) Bromobenzene	12.743	156	75265	49.931	ug/l	98
78) n-propylbenzene	12.808	91	339404	43.425	ug/l	99
79) 2-Chlorotoluene	12.890	91	204747	46.538	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	242307	45.218	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	18845	60.683	ug/l	95
82) 4-Chlorotoluene	12.990	91	222709	48.241	ug/l	99
83) tert-Butylbenzene	13.208	119	206265	45.314	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	254766	47.296	ug/l	99
85) sec-Butylbenzene	13.385	105	300359	42.821	ug/l	100
86) p-Isopropyltoluene	13.496	119	258421	44.007	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	152564	48.214	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	154840	48.652	ug/l	100
89) n-Butylbenzene	13.826	91	238669	43.397	ug/l	99
90) Hexachloroethane	14.090	117	50431	43.422	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	139164	51.211	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.479	75	12028	67.432	ug/l	97
93) 1,2,4-Trichlorobenzene	15.137	180	79161	49.757	ug/l	98
94) Hexachlorobutadiene	15.243	225	37640	41.349	ug/l	98
95) Naphthalene	15.379	128	175795	62.872	ug/l	100
96) 1,2,3-Trichlorobenzene	15.567	180	74687	53.382	ug/l	96

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

