

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074136.D
 Acq On : 17 Aug 2022 20:57
 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 :Krupa
 Patel

Quant Time: Aug 18 03:24:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	253355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	358762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	190164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	105896	50.000	ug/l	0.00

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 Supervised By :Mahesh
 adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	93423	49.442	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.880%
35) Dibromofluoromethane	7.908	113	124019	54.096	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.200%
50) Toluene-d8	10.332	98	167466	24.059	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	48.120%#
62) 4-Bromofluorobenzene	12.614	95	83257	28.965	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	57.940%

08/18/2022

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	40481	15.665	ug/l	94
3) Chloromethane	2.209	50	55213	18.992	ug/l	96
4) Vinyl Chloride	2.344	62	82817	22.114	ug/l	100
5) Bromomethane	2.762	94	60188	20.141	ug/l	95
6) Chloroethane	2.914	64	80642	26.664	ug/l	99
7) Trichlorofluoromethane	3.267	101	209592	52.639	ug/l	98
8) Diethyl Ether	3.703	74	55644	50.073	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.091	101	136961	60.015	ug/l	93
10) Methyl Iodide	4.291	142	146121	58.925	ug/l	98
11) Tert butyl alcohol	5.232	59	39396	286.173	ug/l #	88
12) 1,1-Dichloroethene	4.061	96	105748	53.906	ug/l	81
13) Acrolein	3.920	56	31516	265.805	ug/l	96
14) Allyl chloride	4.709	41	148563	50.452	ug/l #	93
15) Acrylonitrile	5.414	53	142656	321.394	ug/l	99
16) Acetone	4.156	43	109035	242.024	ug/l #	89
17) Carbon Disulfide	4.409	76	202334	41.141	ug/l	100
18) Methyl Acetate	4.714	43	65661	65.962	ug/l #	88
19) Methyl tert-butyl Ether	5.479	73	310466	60.689	ug/l	97
20) Methylene Chloride	4.961	84	162255	65.555	ug/l #	78
21) trans-1,2-Dichloroethene	5.461	96	123707	48.730	ug/l #	82
22) Diisopropyl ether	6.361	45	373376	58.574	ug/l #	91
23) Vinyl Acetate	6.303	43	976316	298.909	ug/l #	90
24) 1,1-Dichloroethane	6.261	63	242304	54.986	ug/l	97
25) 2-Butanone	7.202	43	166933	257.782	ug/l #	85
26) 2,2-Dichloropropane	7.202	77	215316	47.130	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	154815	51.740	ug/l	87
28) Bromochloromethane	7.544	49	72930	44.344	ug/l #	65
29) Tetrahydrofuran	7.555	42	101456	286.690	ug/l #	84
30) Chloroform	7.702	83	272067	52.817	ug/l	97
31) Cyclohexane	7.979	56	139679	43.444	ug/l #	83
32) 1,1,1-Trichloroethane	7.897	97	238141	49.031	ug/l	95
36) 1,1-Dichloropropene	8.108	75	160271	51.262	ug/l	94
37) Ethyl Acetate	7.285	43	79378	64.021	ug/l #	96
38) Carbon Tetrachloride	8.091	117	200464	55.557	ug/l	100
39) Methylcyclohexane	9.349	83	142618	41.374	ug/l	97
40) Benzene	8.344	78	475656	53.838	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.520	41	45422	72.496	ug/l	#	89
42) 1,2-Dichloroethane	8.414	62	152681	57.207	ug/l		96
43) Isopropyl Acetate	8.444	43	143724	63.159	ug/l	#	93
44) Trichloroethene	9.102	130	131663	50.895	ug/l		94
45) 1,2-Dichloropropane	9.373	63	111494	52.097	ug/l		94
46) Dibromomethane	9.467	93	71657	52.822	ug/l		92
47) Bromodichloromethane	9.655	83	184477	52.898	ug/l		98
48) Methyl methacrylate	9.449	41	58760	56.479	ug/l	#	79
49) 1,4-Dioxane	9.449	88	14867	1126.523	ug/l		87
51) 4-Methyl-2-Pentanone	10.220	43	288371	247.525	ug/l		92
52) Toluene	10.396	92	176386	30.533	ug/l		99
53) t-1,3-Dichloropropene	10.608	75	93349	31.404	ug/l		99
54) cis-1,3-Dichloropropene	10.079	75	159885	46.516	ug/l		90
55) 1,1,2-Trichloroethane	10.791	97	61816	34.240	ug/l		98
56) Ethyl methacrylate	10.649	69	64332	35.043	ug/l		88
57) 1,3-Dichloropropane	10.932	76	93424	32.646	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.932	63	144898	205.608	ug/l	#	87
59) 2-Hexanone	10.973	43	141478	177.583	ug/l		92
60) Dibromochloromethane	11.126	129	82288	33.709	ug/l		98
61) 1,2-Dibromoethane	11.232	107	57683	32.900	ug/l		98
64) Tetrachloroethene	10.867	164	59954	49.831	ug/l		97
65) Chlorobenzene	11.655	112	205238	55.169	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.732	131	86608	59.233	ug/l		99
67) Ethyl Benzene	11.732	91	355952	55.890	ug/l		97
68) m/p-Xylenes	11.843	106	285929	111.825	ug/l		98
69) o-Xylene	12.167	106	136951	58.782	ug/l		91
70) Styrene	12.179	104	246732	60.741	ug/l		96
71) Bromoform	12.343	173	50061	65.350	ug/l	#	99
73) Isopropylbenzene	12.467	105	369573	55.523	ug/l		98
74) N-amyl acetate	12.273	43	76133	59.571	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.714	83	72659	59.656	ug/l		99
76) 1,2,3-Trichloropropane	12.767	75	55753m	59.084	ug/l		
77) Bromobenzene	12.743	156	87859	54.663	ug/l		86
78) n-propylbenzene	12.808	91	456215	55.344	ug/l		97
79) 2-Chlorotoluene	12.890	91	260366	55.600	ug/l		96
80) 1,3,5-Trimethylbenzene	12.943	105	323620	56.958	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.514	75	19810	58.549	ug/l		87
82) 4-Chlorotoluene	12.990	91	280549	56.547	ug/l		97
83) tert-Butylbenzene	13.208	119	278773	55.435	ug/l		97
84) 1,2,4-Trimethylbenzene	13.249	105	325100	55.670	ug/l		98
85) sec-Butylbenzene	13.385	105	426417	55.193	ug/l		97
86) p-Isopropyltoluene	13.496	119	359859	55.847	ug/l		98
87) 1,3-Dichlorobenzene	13.502	146	190586	54.283	ug/l		98
88) 1,4-Dichlorobenzene	13.579	146	189304	53.822	ug/l		99
89) n-Butylbenzene	13.826	91	330554	53.547	ug/l		98
90) Hexachloroethane	14.090	117	72083	53.394	ug/l		97
91) 1,2-Dichlorobenzene	13.873	146	167527	53.427	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	11573	55.009	ug/l		82
93) 1,2,4-Trichlorobenzene	15.137	180	94953	47.181	ug/l		100
94) Hexachlorobutadiene	15.243	225	53744	44.573	ug/l		97
95) Naphthalene	15.373	128	182554	53.872	ug/l		99
96) 1,2,3-Trichlorobenzene	15.573	180	85991	48.328	ug/l		99

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

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