

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074860.D
 Acq On : 10 Nov 2022 11:05
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

11/11/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Nov 10 16:39:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	167921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	273127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	216803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	100335	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65406	49.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.360%
35) Dibromofluoromethane	7.804	113	81506	50.448	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.900%
50) Toluene-d8	10.269	98	266396	45.202	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.400%
62) 4-Bromofluorobenzene	12.575	95	82942	48.743	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	61641	44.695	ug/l	95
3) Chloromethane	2.146	50	96579	43.883	ug/l	94
4) Vinyl Chloride	2.281	62	121023	50.144	ug/l	98
5) Bromomethane	2.693	94	96984	53.035	ug/l	97
6) Chloroethane	2.834	64	87033	52.027	ug/l	98
7) Trichlorofluoromethane	3.175	101	140278	50.029	ug/l	96
8) Diethyl Ether	3.593	74	42521	51.911	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	92167	51.746	ug/l	98
10) Methyl Iodide	4.163	142	101628	44.659	ug/l	99
11) Tert butyl alcohol	5.040	59	19756	91.682	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	91876	50.787	ug/l	90
13) Acrolein	3.799	56	17619	192.486	ug/l	98
14) Allyl chloride	4.563	41	98555	51.490	ug/l	99
15) Acrylonitrile	5.252	53	80616	249.060	ug/l	99
16) Acetone	4.016	43	79289	285.684	ug/l	97
17) Carbon Disulfide	4.269	76	265519	48.673	ug/l	100
18) Methyl Acetate	4.557	43	37236	44.367	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	182947	53.175	ug/l	99
20) Methylene Chloride	4.805	84	142436	63.171	ug/l	94
21) trans-1,2-Dichloroethene	5.310	96	102807	51.707	ug/l	92
22) Diisopropyl ether	6.216	45	219607	55.589	ug/l	95
23) Vinyl Acetate	6.157	43	532397	316.971	ug/l	99
24) 1,1-Dichloroethane	6.110	63	157836	52.235	ug/l	97
25) 2-Butanone	7.081	43	97728	256.096	ug/l	98
26) 2,2-Dichloropropane	7.075	77	144374	51.927	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	112635	51.356	ug/l	99
28) Bromochloromethane	7.428	49	53015	55.597	ug/l	97
29) Tetrahydrofuran	7.451	42	55307	252.713	ug/l	96
30) Chloroform	7.593	83	171507	53.131	ug/l	99
31) Cyclohexane	7.875	56	131455	48.819	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	150297	52.705	ug/l	97
36) 1,1-Dichloropropene	8.004	75	132454	54.010	ug/l	99
37) Ethyl Acetate	7.163	43	42638	52.119	ug/l	98
38) Carbon Tetrachloride	7.993	117	126350	54.381	ug/l	96
39) Methylcyclohexane	9.275	83	157276	52.711	ug/l	98
40) Benzene	8.251	78	387463	53.454	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.399	41	19432	41.119	ug/l	#	88
42) 1,2-Dichloroethane	8.322	62	89557	53.742	ug/l		99
43) Isopropyl Acetate	8.363	43	77648	51.010	ug/l		98
44) Trichloroethene	9.028	130	107747	52.173	ug/l		99
45) 1,2-Dichloropropane	9.304	63	88154	54.988	ug/l		96
46) Dibromomethane	9.398	93	50195	54.030	ug/l		95
47) Bromodichloromethane	9.587	83	125632	56.170	ug/l		91
48) Methyl methacrylate	9.381	41	36401	53.662	ug/l		94
49) 1,4-Dioxane	9.387	88	9578	1022.312	ug/l		91
51) 4-Methyl-2-Pentanone	10.157	43	183881	249.101	ug/l		97
52) Toluene	10.334	92	222217	50.071	ug/l		99
53) t-1,3-Dichloropropene	10.557	75	103603	52.373	ug/l		100
54) cis-1,3-Dichloropropene	10.016	75	127462	51.349	ug/l		98
55) 1,1,2-Trichloroethane	10.734	97	62978	49.899	ug/l		97
56) Ethyl methacrylate	10.598	69	72202	51.167	ug/l		97
57) 1,3-Dichloropropane	10.881	76	102144	50.236	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.869	63	151728	382.124	ug/l		97
59) 2-Hexanone	10.922	43	130590	257.175	ug/l		99
60) Dibromochloromethane	11.075	129	75066	49.821	ug/l		100
61) 1,2-Dibromoethane	11.181	107	59368	49.915	ug/l		99
64) Tetrachloroethene	10.810	164	78694	51.382	ug/l		94
65) Chlorobenzene	11.610	112	231662	53.956	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.681	131	81046	55.636	ug/l		96
67) Ethyl Benzene	11.687	91	421248	55.365	ug/l		97
68) m/p-Xylenes	11.792	106	330393	109.378	ug/l		99
69) o-Xylene	12.122	106	153462	55.262	ug/l		98
70) Styrene	12.134	104	264642	56.250	ug/l		99
71) Bromoform	12.298	173	41586	53.308	ug/l	#	97
73) Isopropylbenzene	12.422	105	406458	55.448	ug/l		100
74) N-amyl acetate	12.234	43	65970	55.406	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.675	83	66953	54.355	ug/l		99
76) 1,2,3-Trichloropropane	12.728	75	46078m	59.241	ug/l		
77) Bromobenzene	12.698	156	91395	54.147	ug/l		93
78) n-propylbenzene	12.763	91	497397	56.640	ug/l		99
79) 2-Chlorotoluene	12.851	91	263500	55.725	ug/l		98
80) 1,3,5-Trimethylbenzene	12.904	105	333986	55.844	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.469	75	20654	63.033	ug/l		95
82) 4-Chlorotoluene	12.945	91	276210	56.160	ug/l		98
83) tert-Butylbenzene	13.169	119	284288	53.939	ug/l		99
84) 1,2,4-Trimethylbenzene	13.210	105	331642	56.199	ug/l		99
85) sec-Butylbenzene	13.345	105	437843	55.064	ug/l		100
86) p-Isopropyltoluene	13.463	119	366242	54.689	ug/l		99
87) 1,3-Dichlorobenzene	13.457	146	186983	53.427	ug/l		100
88) 1,4-Dichlorobenzene	13.539	146	182363	53.004	ug/l		98
89) n-Butylbenzene	13.786	91	339544	55.439	ug/l		98
90) Hexachloroethane	14.057	117	64594	56.260	ug/l		93
91) 1,2-Dichlorobenzene	13.833	146	159476	53.498	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9092	53.397	ug/l		88
93) 1,2,4-Trichlorobenzene	15.098	180	98370	53.445	ug/l		99
94) Hexachlorobutadiene	15.204	225	49161	51.058	ug/l		98
95) Naphthalene	15.333	128	187616	53.070	ug/l		99
96) 1,2,3-Trichlorobenzene	15.522	180	83350	51.464	ug/l		97

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

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