

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076409.D
 Acq On : 13 Jun 2023 17:18
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Jun 14 05:48:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	201381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	352417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	310673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	149187	50.000	ug/l	0.00

06/14/2023
 Supervised By :Mahesh
 adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	108494	46.644	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.280%
35) Dibromofluoromethane	7.804	113	110900	48.689	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.380%
50) Toluene-d8	10.269	98	410145	47.517	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.040%
62) 4-Bromofluorobenzene	12.575	95	133706	45.153	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.300%

06/14/2023

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	76530	42.549	ug/l	95
3) Chloromethane	2.146	50	161938	47.548	ug/l	97
4) Vinyl Chloride	2.275	62	164224	50.392	ug/l	97
5) Bromomethane	2.681	94	90187	52.813	ug/l	99
6) Chloroethane	2.828	64	105284	53.648	ug/l	92
7) Trichlorofluoromethane	3.163	101	142502	43.453	ug/l	100
8) Diethyl Ether	3.587	74	55700	47.277	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.952	101	88735	45.002	ug/l	97
10) Methyl Iodide	4.152	142	122183	48.188	ug/l	93
11) Tert butyl alcohol	5.057	59	43844	225.481	ug/l #	87
12) 1,1-Dichloroethene	3.934	96	91172	45.339	ug/l #	79
13) Acrolein	3.787	56	47906	214.786	ug/l	94
14) Allyl chloride	4.558	41	176413	44.858	ug/l #	86
15) Acrylonitrile	5.252	53	142220	237.250	ug/l	99
16) Acetone	4.022	43	124881	244.225	ug/l #	81
17) Carbon Disulfide	4.263	76	262596	45.450	ug/l #	95
18) Methyl Acetate	4.558	43	110843	47.546	ug/l #	80
19) Methyl tert-butyl Ether	5.310	73	262140	46.981	ug/l	96
20) Methylene Chloride	4.799	84	158509	61.162	ug/l #	75
21) trans-1,2-Dichloroethene	5.305	96	107626	46.056	ug/l	87
22) Diisopropyl ether	6.210	45	373212	46.617	ug/l #	88
23) Vinyl Acetate	6.152	43	840115	244.332	ug/l #	85
24) 1,1-Dichloroethane	6.104	63	207512	46.632	ug/l	97
25) 2-Butanone	7.075	43	191937	239.998	ug/l #	80
26) 2,2-Dichloropropane	7.075	77	175148	43.714	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	127811	45.944	ug/l	83
28) Bromochloromethane	7.416	49	62517	50.883	ug/l #	69
29) Tetrahydrofuran	7.446	42	123860	242.754	ug/l #	76
30) Chloroform	7.593	83	202900	45.748	ug/l	99
31) Cyclohexane	7.875	56	155313	41.732	ug/l #	80
32) 1,1,1-Trichloroethane	7.787	97	167023	44.095	ug/l	98
36) 1,1-Dichloropropene	8.004	75	146717	44.131	ug/l	95
37) Ethyl Acetate	7.163	43	86013	49.188	ug/l #	90
38) Carbon Tetrachloride	7.987	117	133647	43.298	ug/l	99
39) Methylcyclohexane	9.269	83	167137	43.662	ug/l #	88
40) Benzene	8.246	78	448247	46.378	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.399	41	44214	39.524	ug/l	#	81
42) 1,2-Dichloroethane	8.322	62	129965	45.157	ug/l		94
43) Isopropyl Acetate	8.357	43	170943	46.626	ug/l	#	83
44) Trichloroethene	9.028	130	117465	44.833	ug/l		84
45) 1,2-Dichloropropane	9.304	63	123149	47.940	ug/l		97
46) Dibromomethane	9.393	93	65646	46.306	ug/l		96
47) Bromodichloromethane	9.581	83	161281	45.926	ug/l		98
48) Methyl methacrylate	9.381	41	80489	45.805	ug/l	#	67
49) 1,4-Dioxane	9.387	88	16574	985.386	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.157	43	425256	233.535	ug/l	#	83
52) Toluene	10.334	92	281144	46.014	ug/l		96
53) t-1,3-Dichloropropene	10.551	75	164688	45.851	ug/l		98
54) cis-1,3-Dichloropropene	10.016	75	191981	46.478	ug/l	#	79
55) 1,1,2-Trichloroethane	10.734	97	88701	46.844	ug/l		95
56) Ethyl methacrylate	10.598	69	122990	46.771	ug/l	#	71
57) 1,3-Dichloropropane	10.881	76	153635	46.642	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	263347	245.858	ug/l		91
59) 2-Hexanone	10.922	43	297391	232.990	ug/l		81
60) Dibromochloromethane	11.075	129	109474	46.726	ug/l		96
61) 1,2-Dibromoethane	11.181	107	86133	46.886	ug/l		99
64) Tetrachloroethene	10.810	164	95001	44.542	ug/l		93
65) Chlorobenzene	11.610	112	299998	46.586	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.681	131	111224	46.192	ug/l		96
67) Ethyl Benzene	11.681	91	539882	45.518	ug/l		96
68) m/p-Xylenes	11.792	106	416879	92.894	ug/l		91
69) o-Xylene	12.122	106	197172	45.737	ug/l		87
70) Styrene	12.134	104	341558	46.439	ug/l		94
71) Bromoform	12.298	173	67356	47.959	ug/l	#	98
73) Isopropylbenzene	12.422	105	501013	44.406	ug/l		97
74) N-amyl acetate	12.234	43	156612	45.517	ug/l	#	83
75) 1,1,2,2-Tetrachloroethane	12.675	83	103486	46.448	ug/l		100
76) 1,2,3-Trichloropropane	12.728	75	73938m	53.013	ug/l		
77) Bromobenzene	12.704	156	125399	47.107	ug/l		88
78) n-propylbenzene	12.763	91	612294	44.523	ug/l		97
79) 2-Chlorotoluene	12.851	91	343670	44.161	ug/l		95
80) 1,3,5-Trimethylbenzene	12.904	105	413054	43.862	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.469	75	35851	46.023	ug/l		93
82) 4-Chlorotoluene	12.945	91	356320	43.723	ug/l		93
83) tert-Butylbenzene	13.169	119	359245	44.453	ug/l		94
84) 1,2,4-Trimethylbenzene	13.216	105	419774	45.116	ug/l		96
85) sec-Butylbenzene	13.345	105	521708	43.861	ug/l		97
86) p-Isopropyltoluene	13.463	119	441164	44.048	ug/l		96
87) 1,3-Dichlorobenzene	13.463	146	236047	45.819	ug/l		98
88) 1,4-Dichlorobenzene	13.539	146	234346	46.029	ug/l		96
89) n-Butylbenzene	13.786	91	421787	43.832	ug/l		99
90) Hexachloroethane	14.051	117	81949	44.338	ug/l		96
91) 1,2-Dichlorobenzene	13.834	146	208662	46.054	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14949	40.845	ug/l		94
93) 1,2,4-Trichlorobenzene	15.104	180	134143	44.236	ug/l		98
94) Hexachlorobutadiene	15.210	225	64447	42.244	ug/l		99
95) Naphthalene	15.333	128	278539	45.742	ug/l		99
96) 1,2,3-Trichlorobenzene	15.522	180	118010	45.059	ug/l		99

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

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