

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076282.D
 Acq On : 31 May 2023 12:37
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 31 16:06:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

06/01/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	177221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	285515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	270475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	147591	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	81822	47.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.540%
35) Dibromofluoromethane	7.805	113	98290	49.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.600%
50) Toluene-d8	10.269	98	369620	48.044	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.080%
62) 4-Bromofluorobenzene	12.575	95	107398	50.254	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	65737	41.129	ug/l	97
3) Chloromethane	2.146	50	133740	51.042	ug/l	99
4) Vinyl Chloride	2.281	62	174372	50.586	ug/l	97
5) Bromomethane	2.687	94	117519	50.639	ug/l	97
6) Chloroethane	2.834	64	127241	54.867	ug/l	93
7) Trichlorofluoromethane	3.169	101	133306	45.626	ug/l	99
8) Diethyl Ether	3.593	74	45849	47.718	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.964	101	93447	48.556	ug/l	95
10) Methyl Iodide	4.164	142	107673	53.808	ug/l	90
11) Tert butyl alcohol	5.063	59	23096	254.912	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	88455	46.181	ug/l	94
13) Acrolein	3.793	56	50478	227.639	ug/l	98
14) Allyl chloride	4.564	41	92525	47.597	ug/l #	82
15) Acrylonitrile	5.252	53	104344	262.282	ug/l	96
16) Acetone	4.022	43	97067	284.836	ug/l #	77
17) Carbon Disulfide	4.264	76	227822	43.587	ug/l	95
18) Methyl Acetate	4.564	43	61642	50.708	ug/l #	76
19) Methyl tert-butyl Ether	5.316	73	196753	52.482	ug/l	98
20) Methylene Chloride	4.799	84	131928	48.684	ug/l #	79
21) trans-1,2-Dichloroethene	5.311	96	107059	48.497	ug/l #	77
22) Diisopropyl ether	6.216	45	247903	54.942	ug/l #	90
23) Vinyl Acetate	6.152	43	563703	317.736	ug/l #	91
24) 1,1-Dichloroethane	6.105	63	186668	52.457	ug/l	99
25) 2-Butanone	7.081	43	115255	268.981	ug/l #	83
26) 2,2-Dichloropropane	7.075	77	153979	53.067	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	127127	51.895	ug/l	86
28) Bromochloromethane	7.428	49	59828	50.423	ug/l #	64
29) Tetrahydrofuran	7.440	42	65424	261.959	ug/l #	66
30) Chloroform	7.593	83	199918	52.535	ug/l	94
31) Cyclohexane	7.875	56	114644	43.704	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	156897	51.736	ug/l	96
36) 1,1-Dichloropropene	8.005	75	135668	50.900	ug/l	94
37) Ethyl Acetate	7.169	43	47098	51.029	ug/l #	81
38) Carbon Tetrachloride	7.993	117	124734	51.810	ug/l	99
39) Methylcyclohexane	9.275	83	142681	46.496	ug/l	90
40) Benzene	8.252	78	439080	51.239	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.399	41	22438	44.337	ug/l	#	63
42) 1,2-Dichloroethane	8.328	62	106594	52.591	ug/l		92
43) Isopropyl Acetate	8.357	43	87611	50.815	ug/l	#	82
44) Trichloroethene	9.028	130	117560	48.679	ug/l		92
45) 1,2-Dichloropropane	9.304	63	110175	52.125	ug/l		93
46) Dibromomethane	9.393	93	61822	52.180	ug/l		95
47) Bromodichloromethane	9.581	83	150982	53.024	ug/l		97
48) Methyl methacrylate	9.375	41	37674	49.372	ug/l	#	61
49) 1,4-Dioxane	9.387	88	14110	1113.703	ug/l	#	76
51) 4-Methyl-2-Pentanone	10.157	43	248541	271.047	ug/l	#	83
52) Toluene	10.334	92	285196	53.288	ug/l		96
53) t-1,3-Dichloropropene	10.551	75	133625	52.069	ug/l		100
54) cis-1,3-Dichloropropene	10.016	75	164656	52.574	ug/l	#	77
55) 1,1,2-Trichloroethane	10.734	97	90558	53.301	ug/l		96
56) Ethyl methacrylate	10.598	69	90622	53.066	ug/l	#	70
57) 1,3-Dichloropropane	10.881	76	142512	53.465	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	213023	259.982	ug/l		91
59) 2-Hexanone	10.922	43	180827	279.628	ug/l		77
60) Dibromochloromethane	11.075	129	102473	53.641	ug/l		97
61) 1,2-Dibromoethane	11.181	107	80898	53.527	ug/l		98
64) Tetrachloroethene	10.810	164	97210	46.738	ug/l		94
65) Chlorobenzene	11.610	112	312342	50.725	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.681	131	110510	52.151	ug/l		92
67) Ethyl Benzene	11.687	91	516686	52.513	ug/l		96
68) m/p-Xylenes	11.793	106	433909	107.902	ug/l		90
69) o-Xylene	12.122	106	198355	54.058	ug/l		90
70) Styrene	12.134	104	349621	54.957	ug/l		94
71) Bromoform	12.298	173	60878	51.075	ug/l	#	99
73) Isopropylbenzene	12.422	105	499126	51.122	ug/l		98
74) N-amyl acetate	12.234	43	81555	46.897	ug/l	#	78
75) 1,1,2,2-Tetrachloroethane	12.675	83	101035	48.149	ug/l		96
76) 1,2,3-Trichloropropane	12.722	75	67302m	52.110	ug/l		
77) Bromobenzene	12.698	156	130248	49.773	ug/l		89
78) n-propylbenzene	12.763	91	622551	51.228	ug/l		97
79) 2-Chlorotoluene	12.851	91	333951	49.652	ug/l		91
80) 1,3,5-Trimethylbenzene	12.904	105	418433	51.699	ug/l		94
81) trans-1,4-Dichloro-2-b...	12.469	75	29511	47.934	ug/l	#	73
82) 4-Chlorotoluene	12.945	91	357098	49.915	ug/l		92
83) tert-Butylbenzene	13.169	119	351504	51.388	ug/l		93
84) 1,2,4-Trimethylbenzene	13.210	105	417899	51.846	ug/l		93
85) sec-Butylbenzene	13.345	105	542205	50.863	ug/l		97
86) p-Isopropyltoluene	13.463	119	456281	52.310	ug/l		94
87) 1,3-Dichlorobenzene	13.457	146	269862	51.004	ug/l		95
88) 1,4-Dichlorobenzene	13.540	146	264410	50.470	ug/l		96
89) n-Butylbenzene	13.787	91	411184	50.023	ug/l		98
90) Hexachloroethane	14.051	117	87592	48.820	ug/l		95
91) 1,2-Dichlorobenzene	13.834	146	235062	50.625	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12899	47.343	ug/l		80
93) 1,2,4-Trichlorobenzene	15.104	180	128103	47.431	ug/l		98
94) Hexachlorobutadiene	15.204	225	62671	45.510	ug/l		96
95) Naphthalene	15.334	128	244990	48.819	ug/l		99
96) 1,2,3-Trichlorobenzene	15.522	180	114277	46.524	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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