

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076551.D
 Acq On : 23 Jun 2023 11:03
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

Quant Time: Jun 23 16:31:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	195333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	178677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57102	48.965	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.940%		
35) Dibromofluoromethane	7.804	113	60433	52.079	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.160%		
50) Toluene-d8	10.269	98	220932	50.203	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.400%		
62) 4-Bromofluorobenzene	12.575	95	74128	51.901	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	41225	46.611	ug/l	99
3) Chloromethane	2.146	50	78273	42.553	ug/l	91
4) Vinyl Chloride	2.281	62	90561	44.135	ug/l	96
5) Bromomethane	2.687	94	57423	43.041	ug/l	99
6) Chloroethane	2.834	64	66226	47.091	ug/l	100
7) Trichlorofluoromethane	3.169	101	86787	51.396	ug/l	97
8) Diethyl Ether	3.587	74	27980	44.028	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.969	101	56123	51.608	ug/l	96
10) Methyl Iodide	4.158	142	63661	49.377	ug/l	93
11) Tert butyl alcohol	5.058	59	21338	211.922	ug/l	99
12) 1,1-Dichloroethene	3.934	96	49718	46.681	ug/l #	81
13) Acrolein	3.793	56	22237	205.040	ug/l	93
14) Allyl chloride	4.558	41	86696	44.510	ug/l #	88
15) Acrylonitrile	5.252	53	74696	228.578	ug/l	96
16) Acetone	4.022	43	67369	242.766	ug/l	91
17) Carbon Disulfide	4.269	76	128399	44.123	ug/l	99
18) Methyl Acetate	4.563	43	58758	45.945	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	140454	48.211	ug/l	97
20) Methylene Chloride	4.799	84	70343	44.344	ug/l #	74
21) trans-1,2-Dichloroethene	5.310	96	59839	48.610	ug/l #	87
22) Diisopropyl ether	6.210	45	202851	48.164	ug/l #	92
23) Vinyl Acetate	6.152	43	493371	236.330	ug/l #	88
24) 1,1-Dichloroethane	6.116	63	115619	49.160	ug/l	96
25) 2-Butanone	7.075	43	99537	231.904	ug/l #	80
26) 2,2-Dichloropropane	7.081	77	96571	47.626	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	73560	49.375	ug/l	88
28) Bromochloromethane	7.416	49	31553	46.422	ug/l #	73
29) Tetrahydrofuran	7.440	42	63392	229.817	ug/l #	77
30) Chloroform	7.593	83	116847	50.176	ug/l	98
31) Cyclohexane	7.875	56	85608	47.327	ug/l	85
32) 1,1,1-Trichloroethane	7.787	97	102316	54.353	ug/l	98
36) 1,1-Dichloropropene	8.004	75	84261	51.852	ug/l	95
37) Ethyl Acetate	7.163	43	44129	46.864	ug/l #	92
38) Carbon Tetrachloride	7.993	117	81700	56.251	ug/l	94
39) Methylcyclohexane	9.275	83	96675	50.695	ug/l	93
40) Benzene	8.251	78	250774	50.605	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	25749	48.425	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	70096	52.349	ug/l	95
43) Isopropyl Acetate	8.357	43	84454	47.374	ug/l #	86
44) Trichloroethene	9.028	130	71639	53.590	ug/l	97
45) 1,2-Dichloropropane	9.304	63	66593	49.563	ug/l	97
46) Dibromomethane	9.393	93	37270	51.780	ug/l	97
47) Bromodichloromethane	9.587	83	92157	53.504	ug/l	99
48) Methyl methacrylate	9.381	41	38305	46.880	ug/l #	70
49) 1,4-Dioxane	9.381	88	8655	1003.611	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	224588	246.455	ug/l	86
52) Toluene	10.334	92	158937	51.110	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	90717	51.903	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	105271	50.802	ug/l #	84
55) 1,1,2-Trichloroethane	10.734	97	52563	52.208	ug/l	92
56) Ethyl methacrylate	10.598	69	65689	49.969	ug/l #	71
57) 1,3-Dichloropropane	10.875	76	86409	50.128	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	133402	239.357	ug/l	93
59) 2-Hexanone	10.922	43	157783	248.914	ug/l	84
60) Dibromochloromethane	11.075	129	64794	55.299	ug/l	97
61) 1,2-Dibromoethane	11.175	107	49666	52.550	ug/l	99
64) Tetrachloroethene	10.810	164	56921	53.072	ug/l	97
65) Chlorobenzene	11.604	112	170748	50.301	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	68437	56.374	ug/l	94
67) Ethyl Benzene	11.681	91	312818	52.008	ug/l	98
68) m/p-Xylenes	11.792	106	242788	103.405	ug/l	90
69) o-Xylene	12.122	106	118317	52.938	ug/l	94
70) Styrene	12.134	104	205536	53.236	ug/l	97
71) Bromoform	12.298	173	40230	55.193	ug/l #	99
73) Isopropylbenzene	12.422	105	313789	49.519	ug/l	97
74) N-amyl acetate	12.234	43	85340	46.003	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.675	83	63204	48.336	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	24188m	25.895	ug/l	
77) Bromobenzene	12.698	156	75017	47.985	ug/l	89
78) n-propylbenzene	12.763	91	386206	49.360	ug/l	97
79) 2-Chlorotoluene	12.845	91	207962	48.402	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	257779	49.813	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	19569	45.905	ug/l	87
82) 4-Chlorotoluene	12.945	91	223757	50.147	ug/l	94
83) tert-Butylbenzene	13.169	119	228892	49.779	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	258002	49.474	ug/l	97
85) sec-Butylbenzene	13.345	105	345008	50.561	ug/l	98
86) p-Isopropyltoluene	13.463	119	290325	50.920	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	153239	49.901	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	148582	48.514	ug/l	98
89) n-Butylbenzene	13.786	91	273922	49.256	ug/l	98
90) Hexachloroethane	14.051	117	52389	49.791	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	134014	49.942	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9415	47.836	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	87967	49.189	ug/l	98
94) Hexachlorobutadiene	15.204	225	45655	52.510	ug/l	96
95) Naphthalene	15.333	128	172020	48.102	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	76808	49.296	ug/l	98

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

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