

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075096.D
 Acq On : 10 Jan 2023 09:44
 Operator : KP/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 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

Quant Time: Jan 11 01:36:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	93822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	161549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	139914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	60618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	46953	49.917	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.840%		
35) Dibromofluoromethane	7.805	113	51564	50.743	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.480%		
50) Toluene-d8	10.269	98	196704	48.820	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.640%		
62) 4-Bromofluorobenzene	12.575	95	63313	48.955	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	21702	49.583	ug/l	94
3) Chloromethane	2.146	50	31568	46.845	ug/l	98
4) Vinyl Chloride	2.281	62	37828	47.383	ug/l	98
5) Bromomethane	2.693	94	25352	49.107	ug/l	98
6) Chloroethane	2.834	64	30167	49.829	ug/l	98
7) Trichlorofluoromethane	3.175	101	60105	48.610	ug/l	97
8) Diethyl Ether	3.593	74	21176	49.346	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.964	101	41481	48.355	ug/l	97
10) Methyl Iodide	4.158	142	40219	46.441	ug/l	99
11) Tert butyl alcohol	5.052	59	15096	253.960	ug/l #	92
12) 1,1-Dichloroethene	3.946	96	37964	47.722	ug/l	99
13) Acrolein	3.793	56	18010	235.270	ug/l	96
14) Allyl chloride	4.558	41	68481	50.284	ug/l	99
15) Acrylonitrile	5.258	53	54728	247.390	ug/l	99
16) Acetone	4.023	43	61336	275.207	ug/l	96
17) Carbon Disulfide	4.270	76	65720	47.543	ug/l	99
18) Methyl Acetate	4.558	43	26056	46.205	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	103824	49.830	ug/l	97
20) Methylene Chloride	4.805	84	53864	49.499	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	41549	47.632	ug/l	96
22) Diisopropyl ether	6.222	45	149527	51.297	ug/l	99
23) Vinyl Acetate	6.152	43	288709m	270.498	ug/l	
24) 1,1-Dichloroethane	6.117	63	90524	51.642	ug/l	98
25) 2-Butanone	7.075	43	73930	250.417	ug/l	93
26) 2,2-Dichloropropane	7.081	77	80339	51.102	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	55626	50.509	ug/l	100
28) Bromochloromethane	7.428	49	30345	49.910	ug/l	98
29) Tetrahydrofuran	7.440	42	39852	239.943	ug/l	97
30) Chloroform	7.593	83	90054	50.697	ug/l	100
31) Cyclohexane	7.875	56	59325	50.200	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	75858	49.770	ug/l	97
36) 1,1-Dichloropropene	8.005	75	59034	46.954	ug/l	98
37) Ethyl Acetate	7.169	43	29960	48.590	ug/l	99
38) Carbon Tetrachloride	7.993	117	54988	49.921	ug/l	99
39) Methylcyclohexane	9.275	83	64773	44.542	ug/l	96
40) Benzene	8.252	78	181440	48.369	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	19981m	46.417	ug/l	
42) 1,2-Dichloroethane	8.328	62	50369	47.914	ug/l	100
43) Isopropyl Acetate	8.363	43	55423	45.809	ug/l	98
44) Trichloroethene	9.028	130	50277	46.633	ug/l	96
45) 1,2-Dichloropropane	9.305	63	50054	48.970	ug/l	98
46) Dibromomethane	9.399	93	25616	49.587	ug/l	98
47) Bromodichloromethane	9.587	83	66961	49.637	ug/l	95
48) Methyl methacrylate	9.381	41	25007	45.873	ug/l	98
49) 1,4-Dioxane	9.381	88	5532	983.307	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	143996	235.694	ug/l	99
52) Toluene	10.334	92	115170	47.358	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	62266	50.502	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	77269	51.167	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	36810	48.925	ug/l	97
56) Ethyl methacrylate	10.599	69	43718	48.105	ug/l	99
57) 1,3-Dichloropropane	10.881	76	60447	48.363	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	96086	280.047	ug/l	100
59) 2-Hexanone	10.922	43	105623	247.156	ug/l	99
60) Dibromochloromethane	11.075	129	43929	49.311	ug/l	99
61) 1,2-Dibromoethane	11.181	107	31981	46.817	ug/l	100
64) Tetrachloroethene	10.810	164	40252	44.863	ug/l	98
65) Chlorobenzene	11.610	112	126710	48.115	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	46147	49.591	ug/l	99
67) Ethyl Benzene	11.687	91	227799	48.578	ug/l	99
68) m/p-Xylenes	11.793	106	171251	94.742	ug/l	100
69) o-Xylene	12.122	106	84990	48.515	ug/l	97
70) Styrene	12.134	104	140845	48.105	ug/l	99
71) Bromoform	12.299	173	24190	48.365	ug/l #	99
73) Isopropylbenzene	12.422	105	227405	50.174	ug/l	99
74) N-amyl acetate	12.234	43	48997	47.594	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	37781	48.639	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	29014m	50.162	ug/l	
77) Bromobenzene	12.704	156	50710	51.108	ug/l	96
78) n-propylbenzene	12.763	91	271149	49.882	ug/l	100
79) 2-Chlorotoluene	12.851	91	149213	49.948	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	182595	49.660	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	11766	54.024	ug/l	96
82) 4-Chlorotoluene	12.951	91	152650	49.885	ug/l	99
83) tert-Butylbenzene	13.169	119	162497	50.073	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	176379	49.635	ug/l	99
85) sec-Butylbenzene	13.346	105	248717	50.583	ug/l	99
86) p-Isopropyltoluene	13.463	119	199590	50.251	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	98664	49.942	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	96742	48.427	ug/l	99
89) n-Butylbenzene	13.793	91	191285	48.970	ug/l	98
90) Hexachloroethane	14.057	117	35249	50.915	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	86585	48.968	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5794	46.383	ug/l	92
93) 1,2,4-Trichlorobenzene	15.104	180	56147	49.108	ug/l	100
94) Hexachlorobutadiene	15.210	225	28074	49.256	ug/l	98
95) Naphthalene	15.334	128	109022	48.561	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	48128	48.731	ug/l	99

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

