

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
 Data File : VD078056.D
 Acq On : 22 Dec 2023 11:19
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 23 03:33:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/26/2023
 Supervised By :Semsettin Yesilyurt 12/26/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	158088	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	248686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	230033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	122665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	73904	39.673	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	79.340%		
35) Dibromofluoromethane	7.810	113	81268	46.653	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.300%		
50) Toluene-d8	10.275	98	311002	44.577	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.160%		
62) 4-Bromofluorobenzene	12.575	95	95122	45.603	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	87460	44.289	ug/l	98
3) Chloromethane	2.152	50	126687	47.065	ug/l	97
4) Vinyl Chloride	2.293	62	189969	51.986	ug/l	100
5) Bromomethane	2.699	94	138617	67.603	ug/l	100
6) Chloroethane	2.846	64	132552	53.205	ug/l	98
7) Trichlorofluoromethane	3.187	101	163220	48.498	ug/l	97
8) Diethyl Ether	3.605	74	41337	43.741	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	96671	50.209	ug/l	97
10) Methyl Iodide	4.175	142	103628	59.872	ug/l	92
11) Tert butyl alcohol	5.058	59	18273	201.510	ug/l #	87
12) 1,1-Dichloroethene	3.952	96	93049	48.966	ug/l	90
13) Acrolein	3.805	56	22032	111.807	ug/l	94
14) Allyl chloride	4.569	41	108967	41.694	ug/l	91
15) Acrylonitrile	5.263	53	86399	213.528	ug/l	98
16) Acetone	4.028	43	106486	266.594	ug/l #	85
17) Carbon Disulfide	4.281	76	298242	46.391	ug/l	99
18) Methyl Acetate	4.569	43	62630	42.690	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	187457	46.496	ug/l	97
20) Methylene Chloride	4.811	84	102250	45.957	ug/l #	86
21) trans-1,2-Dichloroethene	5.322	96	107998	50.176	ug/l	97
22) Diisopropyl ether	6.222	45	236100	43.229	ug/l	95
23) Vinyl Acetate	6.163	43	562556m	210.925	ug/l	
24) 1,1-Dichloroethane	6.122	63	172707	46.696	ug/l	98
25) 2-Butanone	7.087	43	120599	234.589	ug/l	88
26) 2,2-Dichloropropane	7.081	77	144212	46.440	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	111935	48.331	ug/l	91
28) Bromochloromethane	7.434	49	59722	39.961	ug/l	83
29) Tetrahydrofuran	7.457	42	61350	206.817	ug/l	93
30) Chloroform	7.599	83	174859	47.239	ug/l	99
31) Cyclohexane	7.881	56	146956	44.352	ug/l	92
32) 1,1,1-Trichloroethane	7.799	97	157495	48.264	ug/l	99
36) 1,1-Dichloropropene	8.016	75	146641	52.628	ug/l	95
37) Ethyl Acetate	7.175	43	46186	42.510	ug/l	93
38) Carbon Tetrachloride	7.999	117	146862	52.870	ug/l	99
39) Methylcyclohexane	9.275	83	180802	54.735	ug/l	97
40) Benzene	8.257	78	398975	50.450	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	25380	45.961	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	100974	49.257	ug/l	94
43) Isopropyl Acetate	8.363	43	85131	44.079	ug/l	96
44) Trichloroethene	9.034	130	108048	52.428	ug/l	96
45) 1,2-Dichloropropane	9.310	63	96409	50.148	ug/l	98
46) Dibromomethane	9.399	93	52834	51.940	ug/l	93
47) Bromodichloromethane	9.587	83	133024	51.594	ug/l	100
48) Methyl methacrylate	9.387	41	48708	44.366	ug/l	82
49) 1,4-Dioxane	9.387	88	10142	1004.102	ug/l #	87
51) 4-Methyl-2-Pentanone	10.163	43	220805	224.014	ug/l	93
52) Toluene	10.334	92	260518	53.107	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	125899	50.850	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	151208	50.513	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	71678	51.516	ug/l	97
56) Ethyl methacrylate	10.598	69	59154	48.228	ug/l #	89
57) 1,3-Dichloropropane	10.881	76	122528	51.088	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	129775	185.533	ug/l	95
59) 2-Hexanone	10.922	43	177707	217.309	ug/l	93
60) Dibromochloromethane	11.075	129	87967	52.511	ug/l	95
61) 1,2-Dibromoethane	11.181	107	69889	53.360	ug/l	100
64) Tetrachloroethene	10.810	164	90674	53.630	ug/l	98
65) Chlorobenzene	11.610	112	267435	49.292	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	97330	50.881	ug/l	98
67) Ethyl Benzene	11.687	91	500245	52.234	ug/l	99
68) m/p-Xylenes	11.793	106	397794	108.591	ug/l	94
69) o-Xylene	12.122	106	180290	53.402	ug/l	94
70) Styrene	12.140	104	270027	53.789	ug/l	96
71) Bromoform	12.298	173	51140	51.166	ug/l #	99
73) Isopropylbenzene	12.422	105	483746	52.033	ug/l	98
74) N-amyl acetate	12.234	43	78323	42.858	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	80364	49.576	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	56723m	53.243	ug/l	
77) Bromobenzene	12.704	156	110571	50.564	ug/l	92
78) n-propylbenzene	12.763	91	600787	53.033	ug/l	97
79) 2-Chlorotoluene	12.851	91	311818	51.361	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	411416	53.059	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	25627	48.737	ug/l	96
82) 4-Chlorotoluene	12.945	91	327245	51.560	ug/l	98
83) tert-Butylbenzene	13.169	119	351800	53.742	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	411553	53.066	ug/l	98
85) sec-Butylbenzene	13.345	105	528846	54.654	ug/l	97
86) p-Isopropyltoluene	13.463	119	476602	55.013	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	232568	52.007	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	226634	50.800	ug/l	99
89) n-Butylbenzene	13.787	91	452255	55.479	ug/l	98
90) Hexachloroethane	14.051	117	88747	55.702	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	197542	51.940	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11510	48.997	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	123911	47.698	ug/l	99
94) Hexachlorobutadiene	15.204	225	73182	52.241	ug/l	99
95) Naphthalene	15.333	128	221909	51.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	109186	50.981	ug/l	99

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

