

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075379.D
 Acq On : 21 Feb 2023 13:28
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 21 14:43:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 14:22:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	65754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	103513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	93770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	46014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	81331	150.082	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 300.160%#			
35) Dibromofluoromethane	7.811	113	83341	134.208	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 268.420%#			
50) Toluene-d8	10.269	98	295447	132.440	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 264.880%#			
62) 4-Bromofluorobenzene	12.575	95	107655	142.683	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 285.360%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	100723	136.053	ug/l	96
3) Chloromethane	2.146	50	139368	131.735	ug/l	94
4) Vinyl Chloride	2.281	62	164104	142.933	ug/l	98
5) Bromomethane	2.670	94	103578	161.589	ug/l	97
6) Chloroethane	2.828	64	105541	133.227	ug/l	94
7) Trichlorofluoromethane	3.175	101	193296	143.329	ug/l	98
8) Diethyl Ether	3.593	74	48067	150.636	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.964	101	109251	142.041	ug/l	99
10) Methyl Iodide	4.164	142	137403	151.913	ug/l	97
11) Tert butyl alcohol	5.052	59	26263	747.151	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	106055	148.168	ug/l	91
13) Acrolein	3.793	56	7472	746.371	ug/l	90
14) Allyl chloride	4.564	41	173576	153.271	ug/l	98
15) Acrylonitrile	5.252	53	110123	729.272	ug/l	99
16) Acetone	4.022	43	121375	704.981	ug/l	95
17) Carbon Disulfide	4.269	76	355857	141.046	ug/l	97
18) Methyl Acetate	4.564	43	76901	146.432	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	219834	149.931	ug/l	100
20) Methylene Chloride	4.799	84	111450	148.535	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	117120	143.219	ug/l	98
22) Diisopropyl ether	6.216	45	328534	152.653	ug/l	98
23) Vinyl Acetate	6.158	43	806272	753.653	ug/l	95
24) 1,1-Dichloroethane	6.111	63	200054	140.432	ug/l	98
25) 2-Butanone	7.087	43	153262	726.939	ug/l	97
26) 2,2-Dichloropropane	7.075	77	183174	146.946	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	124519	148.650	ug/l	98
28) Bromochloromethane	7.428	49	40270	150.751	ug/l	99
29) Tetrahydrofuran	7.440	42	90513	758.385	ug/l	97
30) Chloroform	7.599	83	200118	140.407	ug/l	95
31) Cyclohexane	7.881	56	190184	140.485	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	191361	144.533	ug/l	100
36) 1,1-Dichloropropene	8.010	75	169313	153.306	ug/l	100
37) Ethyl Acetate	7.169	43	63873	145.106	ug/l #	93
38) Carbon Tetrachloride	7.993	117	169997	150.382	ug/l	99
39) Methylcyclohexane	9.275	83	209188	161.108	ug/l	91
40) Benzene	8.252	78	447375	147.668	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	42576	147.890	ug/l	98
42) 1,2-Dichloroethane	8.328	62	126577	148.622	ug/l	99
43) Isopropyl Acetate	8.363	43	127590	156.503	ug/l	100
44) Trichloroethene	9.028	130	120875	148.476	ug/l	98
45) 1,2-Dichloropropane	9.310	63	107296	145.387	ug/l	94
46) Dibromomethane	9.399	93	58676	145.539	ug/l	98
47) Bromodichloromethane	9.587	83	150945	147.065	ug/l	99
48) Methyl methacrylate	9.381	41	63108	152.959	ug/l	94
49) 1,4-Dioxane	9.387	88	10938	2909.593	ug/l	96
51) 4-Methyl-2-Pentanone	10.163	43	329320	793.985	ug/l	98
52) Toluene	10.334	92	290181	156.134	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	140317	165.762	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	165397	160.334	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	74694	143.052	ug/l	96
56) Ethyl methacrylate	10.599	69	96088	166.181	ug/l	97
57) 1,3-Dichloropropane	10.881	76	133082	147.441	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	117965	773.341	ug/l	99
59) 2-Hexanone	10.922	43	234376	800.247	ug/l	99
60) Dibromochloromethane	11.075	129	97617	148.602	ug/l	98
61) 1,2-Dibromoethane	11.181	107	72841	149.753	ug/l	95
64) Tetrachloroethene	10.810	164	99119	146.019	ug/l	94
65) Chlorobenzene	11.610	112	286306	145.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	106814	150.204	ug/l	99
67) Ethyl Benzene	11.687	91	578022	160.136	ug/l	99
68) m/p-Xylenes	11.793	106	441998	316.756	ug/l	98
69) o-Xylene	12.122	106	202355	159.102	ug/l	95
70) Styrene	12.140	104	345251	161.541	ug/l	100
71) Bromoform	12.304	173	56031	153.627	ug/l #	96
73) Isopropylbenzene	12.428	105	557500	161.351	ug/l	99
74) N-amyl acetate	12.240	43	125416	167.384	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	85165	145.982	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	73125m	178.705	ug/l	
77) Bromobenzene	12.704	156	115119	148.189	ug/l	97
78) n-propylbenzene	12.769	91	692526	159.246	ug/l	99
79) 2-Chlorotoluene	12.851	91	367048	156.779	ug/l	99
80) 1,3,5-Trimethylbenzene	12.910	105	465113	160.915	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	23900	156.182	ug/l	88
82) 4-Chlorotoluene	12.951	91	384864	156.391	ug/l	100
83) tert-Butylbenzene	13.169	119	411636	164.288	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	458029	160.621	ug/l	100
85) sec-Butylbenzene	13.351	105	615498	161.547	ug/l	99
86) p-Isopropyltoluene	13.463	119	518959	165.539	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	239903	146.895	ug/l	98
88) 1,4-Dichlorobenzene	13.545	146	230461	146.621	ug/l	100
89) n-Butylbenzene	13.793	91	493522	162.669	ug/l	99
90) Hexachloroethane	14.057	117	93253	149.683	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	200027	149.430	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.457	75	13406	151.568	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	128419	155.264	ug/l	100
94) Hexachlorobutadiene	15.210	225	70524	152.397	ug/l	99
95) Naphthalene	15.339	128	240151	163.963	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	109814	155.225	ug/l	99

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

