

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078676.D
 Acq On : 14 Mar 2024 19:35
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 15 05:52:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
 Supervised By :Semsettin Yesilyurt 03/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	97752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	164440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	163045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55139	60.189	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.380%			
35) Dibromofluoromethane	7.804	113	61711	58.287	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.580%			
50) Toluene-d8	10.269	98	225251	57.849	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 115.700%			
62) 4-Bromofluorobenzene	12.569	95	69503	61.014	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 122.020%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	51257	56.339	ug/l	97
3) Chloromethane	2.146	50	94621	65.869	ug/l	99
4) Vinyl Chloride	2.281	62	141904	66.965	ug/l	97
5) Bromomethane	2.687	94	122111	60.185	ug/l	99
6) Chloroethane	2.834	64	112937	68.340	ug/l	97
7) Trichlorofluoromethane	3.169	101	98284	58.626	ug/l	97
8) Diethyl Ether	3.593	74	28965	59.176	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.963	101	60333	57.344	ug/l	99
10) Methyl Iodide	4.163	142	74279	59.684	ug/l	96
11) Tert butyl alcohol	5.063	59	12136	296.017	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	57048	57.038	ug/l	88
13) Acrolein	3.793	56	13534	210.737	ug/l	95
14) Allyl chloride	4.563	41	67765	60.721	ug/l	97
15) Acrylonitrile	5.258	53	62792	318.230	ug/l	98
16) Acetone	4.022	43	43562	245.907	ug/l	99
17) Carbon Disulfide	4.263	76	197189	60.140	ug/l	97
18) Methyl Acetate	4.558	43	26747	70.354	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	125974	62.456	ug/l	98
20) Methylene Chloride	4.799	84	78470	66.589	ug/l	91
21) trans-1,2-Dichloroethene	5.305	96	72199	61.177	ug/l	94
22) Diisopropyl ether	6.216	45	169318	66.731	ug/l #	97
23) Vinyl Acetate	6.152	43	492470	331.813	ug/l	99
24) 1,1-Dichloroethane	6.110	63	117814	61.932	ug/l	98
25) 2-Butanone	7.081	43	70031	297.346	ug/l	94
26) 2,2-Dichloropropane	7.075	77	91351	56.758	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	83058	61.705	ug/l	99
28) Bromochloromethane	7.428	49	40979	60.423	ug/l	99
29) Tetrahydrofuran	7.446	42	44718	349.085	ug/l	97
30) Chloroform	7.599	83	132718	62.572	ug/l	98
31) Cyclohexane	7.875	56	88551	57.509	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	105758	58.768	ug/l	99
36) 1,1-Dichloropropene	8.004	75	97575	63.519	ug/l	97
37) Ethyl Acetate	7.163	43	31647	63.061	ug/l	97
38) Carbon Tetrachloride	7.987	117	97632	60.286	ug/l	94
39) Methylcyclohexane	9.275	83	111227	62.417	ug/l	94
40) Benzene	8.252	78	295028	63.534	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	17865	67.930	ug/l	93
42) 1,2-Dichloroethane	8.322	62	76282	67.361	ug/l	99
43) Isopropyl Acetate	8.363	43	59659	65.368	ug/l #	85
44) Trichloroethene	9.028	130	76795	60.939	ug/l	94
45) 1,2-Dichloropropane	9.304	63	71846	65.222	ug/l	97
46) Dibromomethane	9.393	93	42961	65.060	ug/l	95
47) Bromodichloromethane	9.587	83	104159	66.260	ug/l	96
48) Methyl methacrylate	9.381	41	29784	66.976	ug/l	95
49) 1,4-Dioxane	9.387	88	7894	1291.142	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	161874	339.265	ug/l	98
52) Toluene	10.334	92	194489	65.055	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	92294	64.215	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	111076	64.287	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	58603	66.273	ug/l	96
56) Ethyl methacrylate	10.598	69	61060	68.881	ug/l	97
57) 1,3-Dichloropropane	10.881	76	92500	64.829	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	110564	282.863	ug/l	98
59) 2-Hexanone	10.922	43	112661	318.520	ug/l	99
60) Dibromochloromethane	11.075	129	72936	66.883	ug/l	99
61) 1,2-Dibromoethane	11.181	107	55228	64.537	ug/l	100
64) Tetrachloroethene	10.810	164	64136	59.442	ug/l	97
65) Chlorobenzene	11.604	112	204036	59.885	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	80725	64.695	ug/l	98
67) Ethyl Benzene	11.681	91	361594	62.280	ug/l	98
68) m/p-Xylenes	11.793	106	299997	127.245	ug/l	98
69) o-Xylene	12.122	106	136995	62.803	ug/l	99
70) Styrene	12.134	104	239941	65.534	ug/l	99
71) Bromoform	12.298	173	42236	62.634	ug/l #	97
73) Isopropylbenzene	12.416	105	343090	58.051	ug/l	100
74) N-amyl acetate	12.234	43	57644	60.073	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	66461	60.746	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	39362m	56.916	ug/l	
77) Bromobenzene	12.698	156	87323	59.578	ug/l	99
78) n-propylbenzene	12.763	91	429706	59.731	ug/l	100
79) 2-Chlorotoluene	12.845	91	231014	58.535	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	297444	60.859	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	19618	59.461	ug/l	96
82) 4-Chlorotoluene	12.945	91	250978	60.125	ug/l	100
83) tert-Butylbenzene	13.163	119	246319	58.450	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	300874	61.087	ug/l	98
85) sec-Butylbenzene	13.345	105	387723	60.796	ug/l	98
86) p-Isopropyltoluene	13.457	119	331339	60.690	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	187652	60.670	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	180211	59.120	ug/l	99
89) n-Butylbenzene	13.787	91	295492	59.930	ug/l	100
90) Hexachloroethane	14.051	117	65226	57.739	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	159060	59.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8317	56.826	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	89789	57.754	ug/l	97
94) Hexachlorobutadiene	15.198	225	47848	56.849	ug/l	98
95) Naphthalene	15.328	128	162649	60.174	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	80926	60.169	ug/l	99

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

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