

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078665.D
 Acq On : 14 Mar 2024 13:49
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 15 05:47:59 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	7.881	168	141314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	241957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	226301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65384	49.371	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.740%		
35) Dibromofluoromethane	7.805	113	74881	48.067	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.140%		
50) Toluene-d8	10.269	98	292197	51.001	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.000%		
62) 4-Bromofluorobenzene	12.575	95	85677	51.116	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	65352	49.689	ug/l	98
3) Chloromethane	2.146	50	107720	51.872	ug/l	96
4) Vinyl Chloride	2.281	62	161062	52.576	ug/l	95
5) Bromomethane	2.693	94	143166	48.810	ug/l	96
6) Chloroethane	2.834	64	126103	52.784	ug/l	96
7) Trichlorofluoromethane	3.175	101	116850	48.215	ug/l	95
8) Diethyl Ether	3.593	74	35158	49.686	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.969	101	70659	46.456	ug/l	96
10) Methyl Iodide	4.164	142	97464	54.172	ug/l	99
11) Tert butyl alcohol	5.063	59	16928	285.619	ug/l #	92
12) 1,1-Dichloroethene	3.946	96	69575	48.119	ug/l #	87
13) Acrolein	3.793	56	18031	194.211	ug/l	98
14) Allyl chloride	4.564	41	83515	51.765	ug/l	98
15) Acrylonitrile	5.258	53	73488	257.628	ug/l	96
16) Acetone	4.022	43	65485	255.708	ug/l	100
17) Carbon Disulfide	4.275	76	236729	49.943	ug/l	100
18) Methyl Acetate	4.564	43	29776	54.178	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	159090	54.560	ug/l	98
20) Methylene Chloride	4.799	84	90756	52.195	ug/l #	92
21) trans-1,2-Dichloroethene	5.311	96	88228	51.713	ug/l	95
22) Diisopropyl ether	6.222	45	195554	53.313	ug/l	96
23) Vinyl Acetate	6.158	43	578116	269.445	ug/l	98
24) 1,1-Dichloroethane	6.116	63	138803	50.472	ug/l	98
25) 2-Butanone	7.075	43	84427	247.967	ug/l	100
26) 2,2-Dichloropropane	7.081	77	117763	50.613	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	100757	51.779	ug/l	99
28) Bromochloromethane	7.428	49	48177	49.138	ug/l	98
29) Tetrahydrofuran	7.452	42	48582	262.340	ug/l	98
30) Chloroform	7.599	83	152927	49.874	ug/l	94
31) Cyclohexane	7.875	56	105373	47.338	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	128227	49.289	ug/l	98
36) 1,1-Dichloropropene	8.010	75	112181	49.631	ug/l	99
37) Ethyl Acetate	7.169	43	38430	52.044	ug/l	95
38) Carbon Tetrachloride	7.993	117	115900	48.638	ug/l	94
39) Methylcyclohexane	9.275	83	130687	49.842	ug/l	98
40) Benzene	8.252	78	343234	50.234	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	22843	59.032	ug/l	85
42) 1,2-Dichloroethane	8.328	62	86222	51.745	ug/l	100
43) Isopropyl Acetate	8.363	43	70055	52.168	ug/l	97
44) Trichloroethene	9.028	130	91289	49.232	ug/l	99
45) 1,2-Dichloropropane	9.304	63	81208	50.102	ug/l	99
46) Dibromomethane	9.393	93	48090	49.495	ug/l	98
47) Bromodichloromethane	9.587	83	118338	51.162	ug/l	98
48) Methyl methacrylate	9.381	41	31520	48.172	ug/l	94
49) 1,4-Dioxane	9.381	88	9259	1029.225	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	182760	260.323	ug/l	99
52) Toluene	10.334	92	228825	52.018	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	109197	51.635	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	131929	51.893	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	65904	50.652	ug/l	96
56) Ethyl methacrylate	10.599	69	71717	54.984	ug/l	97
57) 1,3-Dichloropropane	10.881	76	109262	52.043	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	137266	238.669	ug/l	98
59) 2-Hexanone	10.916	43	137510	264.221	ug/l	98
60) Dibromochloromethane	11.075	129	82691	51.535	ug/l	99
61) 1,2-Dibromoethane	11.175	107	62876	49.935	ug/l	99
64) Tetrachloroethene	10.810	164	75305	50.285	ug/l	97
65) Chlorobenzene	11.604	112	245140	51.838	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	89182	51.494	ug/l	97
67) Ethyl Benzene	11.681	91	430688	53.445	ug/l	100
68) m/p-Xylenes	11.793	106	345594	105.612	ug/l	100
69) o-Xylene	12.122	106	163553	54.020	ug/l	99
70) Styrene	12.134	104	282673	55.625	ug/l	99
71) Bromoform	12.298	173	47671	50.933	ug/l #	96
73) Isopropylbenzene	12.422	105	404952	51.017	ug/l	99
74) N-amyl acetate	12.234	43	67650	52.493	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	72611	49.415	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	45771m	49.278	ug/l	
77) Bromobenzene	12.698	156	102320	51.979	ug/l	98
78) n-propylbenzene	12.763	91	503307	52.092	ug/l	99
79) 2-Chlorotoluene	12.851	91	272334	51.380	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	341238	51.987	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	23313	52.612	ug/l	94
82) 4-Chlorotoluene	12.945	91	284632	50.771	ug/l	99
83) tert-Butylbenzene	13.163	119	298755	52.785	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	350613	53.003	ug/l	98
85) sec-Butylbenzene	13.345	105	442471	51.660	ug/l	99
86) p-Isopropyltoluene	13.457	119	384854	52.487	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	212126	51.065	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	210494	51.416	ug/l	99
89) n-Butylbenzene	13.787	91	347898	52.537	ug/l	99
90) Hexachloroethane	14.051	117	73658	48.549	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	181669	50.778	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10240	52.094	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	108932	52.171	ug/l	95
94) Hexachlorobutadiene	15.204	225	57616	50.970	ug/l	100
95) Naphthalene	15.328	128	196817	54.216	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	94725	52.439	ug/l	98

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

