

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
 Data File : VD079358.D
 Acq On : 09 Jul 2024 12:25
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 09 16:52:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/10/2024
 Supervised By :Semsettin Yesilyurt 07/10/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	174837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	308456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	300117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	152505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	110051	53.414	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.820%			
35) Dibromofluoromethane	7.805	113	120029	55.158	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.320%			
50) Toluene-d8	10.263	98	473921	56.497	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.000%			
62) 4-Bromofluorobenzene	12.569	95	145199	55.691	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	69504	42.876	ug/l	96
3) Chloromethane	2.146	50	93709	43.175	ug/l	98
4) Vinyl Chloride	2.275	62	87126	39.057	ug/l	95
5) Bromomethane	2.681	94	66602	46.586	ug/l	99
6) Chloroethane	2.828	64	50144	41.953	ug/l	98
7) Trichlorofluoromethane	3.164	101	155910	47.833	ug/l	100
8) Diethyl Ether	3.587	74	48702	46.771	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.958	101	100672	49.241	ug/l	97
10) Methyl Iodide	4.158	142	109285	48.460	ug/l	96
11) Tert butyl alcohol	5.058	59	29310	222.854	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	97180	47.863	ug/l	98
13) Acrolein	3.793	56	37759	231.574	ug/l	99
14) Allyl chloride	4.552	41	119857	46.324	ug/l	87
15) Acrylonitrile	5.252	53	118444	246.949	ug/l	98
16) Acetone	4.022	43	85995	219.453	ug/l	99
17) Carbon Disulfide	4.264	76	308876	48.152	ug/l	99
18) Methyl Acetate	4.564	43	54462	44.418	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	229656	50.895	ug/l	97
20) Methylene Chloride	4.793	84	131610	41.044	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	113187	50.183	ug/l	90
22) Diisopropyl ether	6.216	45	292869	50.547	ug/l	97
23) Vinyl Acetate	6.152	43	1156416	260.806	ug/l	94
24) 1,1-Dichloroethane	6.110	63	194278	49.731	ug/l	98
25) 2-Butanone	7.081	43	134842	242.256	ug/l	99
26) 2,2-Dichloropropane	7.075	77	149551	45.708	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	131987	50.126	ug/l	93
28) Bromochloromethane	7.422	49	80099	48.643	ug/l #	79
29) Tetrahydrofuran	7.446	42	86524	255.037	ug/l	88
30) Chloroform	7.593	83	211294	51.521	ug/l	95
31) Cyclohexane	7.875	56	143740	46.133	ug/l	87
32) 1,1,1-Trichloroethane	7.787	97	169782	49.522	ug/l	99
36) 1,1-Dichloropropene	8.005	75	138239	50.006	ug/l	98
37) Ethyl Acetate	7.163	43	63078	52.690	ug/l	98
38) Carbon Tetrachloride	7.993	117	150433	51.697	ug/l	97
39) Methylcyclohexane	9.275	83	165597	51.372	ug/l	95
40) Benzene	8.252	78	468756	52.966	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	27659	40.361	ug/l	94
42) 1,2-Dichloroethane	8.328	62	114500	53.515	ug/l	96
43) Isopropyl Acetate	8.357	43	111700	51.058	ug/l	97
44) Trichloroethene	9.028	130	104117	49.350	ug/l	88
45) 1,2-Dichloropropane	9.304	63	114389	52.948	ug/l	97
46) Dibromomethane	9.393	93	68704	54.236	ug/l	90
47) Bromodichloromethane	9.581	83	160627	51.863	ug/l	99
48) Methyl methacrylate	9.381	41	53731	49.916	ug/l	87
49) 1,4-Dioxane	9.387	88	15283	1065.359	ug/l	88
51) 4-Methyl-2-Pentanone	10.157	43	318223	271.662	ug/l	99
52) Toluene	10.334	92	297764	54.652	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	146462	52.200	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	173878	51.880	ug/l	99
55) 1,1,2-Trichloroethane	10.728	97	92700	54.513	ug/l	95
56) Ethyl methacrylate	10.593	69	113339	49.314	ug/l	97
57) 1,3-Dichloropropane	10.875	76	149675	53.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	252038	249.831	ug/l	93
59) 2-Hexanone	10.916	43	224114	267.777	ug/l	99
60) Dibromochloromethane	11.069	129	116216	53.242	ug/l	97
61) 1,2-Dibromoethane	11.175	107	87668	54.676	ug/l	97
64) Tetrachloroethene	10.804	164	89442	50.839	ug/l	94
65) Chlorobenzene	11.604	112	319129	50.660	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	110759	52.113	ug/l	96
67) Ethyl Benzene	11.681	91	549882	52.289	ug/l	97
68) m/p-Xylenes	11.793	106	443987	109.335	ug/l	91
69) o-Xylene	12.116	106	198788	52.316	ug/l	86
70) Styrene	12.134	104	370981	54.713	ug/l	96
71) Bromoform	12.298	173	66424	53.944	ug/l #	99
73) Isopropylbenzene	12.416	105	515079	50.600	ug/l	97
74) N-amyl acetate	12.228	43	118054	51.606	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	109522	50.926	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	64844m	44.254	ug/l	
77) Bromobenzene	12.698	156	124130	51.535	ug/l	83
78) n-propylbenzene	12.757	91	653486	51.506	ug/l	95
79) 2-Chlorotoluene	12.845	91	370454	50.911	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	443332	51.383	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	38188	49.138	ug/l	98
82) 4-Chlorotoluene	12.945	91	394535	50.949	ug/l	94
83) tert-Butylbenzene	13.163	119	362286	50.282	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	457047	52.222	ug/l	96
85) sec-Butylbenzene	13.339	105	568943	51.520	ug/l	96
86) p-Isopropyltoluene	13.457	119	470276	51.422	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	253186	49.846	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	250618	49.022	ug/l	96
89) n-Butylbenzene	13.787	91	446727	50.248	ug/l	97
90) Hexachloroethane	14.051	117	100875	49.928	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	226609	50.292	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14980	49.592	ug/l	88
93) 1,2,4-Trichlorobenzene	15.092	180	119659	47.258	ug/l	96
94) Hexachlorobutadiene	15.198	225	64879	48.314	ug/l	97
95) Naphthalene	15.328	128	260106	51.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	111376	49.242	ug/l	98

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

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