

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079470.D
 Acq On : 30 Jul 2024 22:17
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 31 09:09:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 07/31/2024
 Supervised By :Semsettin Yesilyurt 07/31/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	219219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	365018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	346501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	184321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	132686	59.579	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.160%			
35) Dibromofluoromethane	7.805	113	138873	56.210	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.420%			
50) Toluene-d8	10.269	98	557714	58.130	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 116.260%			
62) 4-Bromofluorobenzene	12.569	95	162041	58.364	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	80529	46.884	ug/l	99
3) Chloromethane	2.146	50	149548	47.253	ug/l	96
4) Vinyl Chloride	2.281	62	179339	47.658	ug/l	99
5) Bromomethane	2.687	94	116913	49.180	ug/l	100
6) Chloroethane	2.828	64	118567	49.034	ug/l	98
7) Trichlorofluoromethane	3.164	101	172845	46.187	ug/l	96
8) Diethyl Ether	3.593	74	58523	51.770	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	106164	44.854	ug/l	98
10) Methyl Iodide	4.158	142	144196	50.121	ug/l	98
11) Tert butyl alcohol	5.064	59	29521	291.340	ug/l #	83
12) 1,1-Dichloroethene	3.934	96	110543	46.670	ug/l	91
13) Acrolein	3.793	56	42480	267.208	ug/l	92
14) Allyl chloride	4.564	41	147703	47.223	ug/l	89
15) Acrylonitrile	5.252	53	135180	255.906	ug/l	98
16) Acetone	4.028	43	90252	208.525	ug/l	90
17) Carbon Disulfide	4.269	76	367780	47.039	ug/l	99
18) Methyl Acetate	4.564	43	88950	66.194	ug/l #	86
19) Methyl tert-butyl Ether	5.316	73	254542	52.647	ug/l	97
20) Methylene Chloride	4.799	84	173600	55.556	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	129627	48.716	ug/l #	85
22) Diisopropyl ether	6.211	45	358117	51.459	ug/l #	92
23) Vinyl Acetate	6.152	43	1296361	247.805	ug/l	93
24) 1,1-Dichloroethane	6.111	63	230864	49.503	ug/l	95
25) 2-Butanone	7.087	43	149062	242.929	ug/l	95
26) 2,2-Dichloropropane	7.069	77	166907	44.246	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	149638	49.199	ug/l	92
28) Bromochloromethane	7.422	49	101119	49.446	ug/l #	77
29) Tetrahydrofuran	7.446	42	101158	266.017	ug/l	85
30) Chloroform	7.599	83	239976	50.813	ug/l	100
31) Cyclohexane	7.875	56	162078	43.820	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	188566	48.386	ug/l	99
36) 1,1-Dichloropropene	8.005	75	159805	47.390	ug/l	97
37) Ethyl Acetate	7.169	43	70900	51.281	ug/l	98
38) Carbon Tetrachloride	7.993	117	170290	48.038	ug/l	97
39) Methylcyclohexane	9.275	83	182172	45.277	ug/l	94
40) Benzene	8.252	78	526902	49.195	ug/l	98

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41) Methacrylonitrile	7.405	41	37941m	49.890	ug/l	
42) 1,2-Dichloroethane	8.328	62	131025	51.337	ug/l	96
43) Isopropyl Acetate	8.357	43	130696	50.298	ug/l	93
44) Trichloroethene	9.028	130	128682	48.264	ug/l	95
45) 1,2-Dichloropropane	9.304	63	129163	49.555	ug/l	96
46) Dibromomethane	9.393	93	75028	51.924	ug/l	97
47) Bromodichloromethane	9.581	83	179895	50.703	ug/l	99
48) Methyl methacrylate	9.381	41	61153	52.587	ug/l	89
49) 1,4-Dioxane	9.381	88	15095	1008.180	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	365466	275.484	ug/l	95
52) Toluene	10.334	92	337455	50.944	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	165325	50.458	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	196651	49.897	ug/l	94
55) 1,1,2-Trichloroethane	10.728	97	101843	53.505	ug/l	93
56) Ethyl methacrylate	10.599	69	124934	55.394	ug/l	93
57) 1,3-Dichloropropane	10.881	76	170197	52.619	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	334305	321.415	ug/l	92
59) 2-Hexanone	10.922	43	251913	272.272	ug/l	96
60) Dibromochloromethane	11.069	129	127514	51.282	ug/l	96
61) 1,2-Dibromoethane	11.181	107	93235	52.285	ug/l	96
64) Tetrachloroethene	10.810	164	113240	48.466	ug/l	96
65) Chlorobenzene	11.604	112	370108	48.236	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	127924	50.674	ug/l	99
67) Ethyl Benzene	11.681	91	612146	48.734	ug/l	98
68) m/p-Xylenes	11.793	106	495686	99.468	ug/l	95
69) o-Xylene	12.116	106	230793	50.527	ug/l	93
70) Styrene	12.134	104	416487	52.008	ug/l	98
71) Bromoform	12.298	173	76709	53.750	ug/l #	98
73) Isopropylbenzene	12.416	105	575808	42.312	ug/l	100
74) N-amyl acetate	12.234	43	127422	47.001	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	118873	49.644	ug/l	95
76) 1,2,3-Trichloropropane	12.716	75	70865m	43.984	ug/l	
77) Bromobenzene	12.698	156	146934	47.541	ug/l	91
78) n-propylbenzene	12.757	91	721821	46.849	ug/l	97
79) 2-Chlorotoluene	12.845	91	402247	46.887	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	491044	47.825	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	41387	48.994	ug/l	98
82) 4-Chlorotoluene	12.945	91	419888	46.949	ug/l	98
83) tert-Butylbenzene	13.163	119	425490	43.306	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	503686	44.041	ug/l	98
85) sec-Butylbenzene	13.340	105	623946	45.688	ug/l	99
86) p-Isopropyltoluene	13.457	119	540856	42.484	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	294184	45.952	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	297892	47.328	ug/l	99
89) n-Butylbenzene	13.781	91	495339	42.152	ug/l	99
90) Hexachloroethane	14.051	117	109711	45.930	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	264362	48.316	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	16259	51.031	ug/l	92
93) 1,2,4-Trichlorobenzene	15.092	180	162217	47.056	ug/l	99
94) Hexachlorobutadiene	15.198	225	84360	45.341	ug/l	96
95) Naphthalene	15.328	128	309092	51.803	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	146991	48.473	ug/l	98

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

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