

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080124\
 Data File : VD079527.D
 Acq On : 01 Aug 2024 10:47
 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: Aug 02 01:27:25 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 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	228044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	369825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	400802	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	172359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	124796	53.868	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.740%			
35) Dibromofluoromethane	7.805	113	132678	53.004	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.000%			
50) Toluene-d8	10.263	98	546322	56.202	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.400%			
62) 4-Bromofluorobenzene	12.569	95	163762	58.217	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	91138	51.007	ug/l	98
3) Chloromethane	2.146	50	155347	47.186	ug/l	94
4) Vinyl Chloride	2.281	62	198028	50.588	ug/l	99
5) Bromomethane	2.681	94	119262	48.173	ug/l	99
6) Chloroethane	2.834	64	107521	42.745	ug/l	98
7) Trichlorofluoromethane	3.170	101	203440	52.259	ug/l	93
8) Diethyl Ether	3.593	74	58517	49.761	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.958	101	128570	52.218	ug/l	98
10) Methyl Iodide	4.158	142	158386	52.626	ug/l	99
11) Tert butyl alcohol	5.052	59	30883	292.811	ug/l	# 77
12) 1,1-Dichloroethene	3.934	96	125421	50.902	ug/l	97
13) Acrolein	3.793	56	42019	255.099	ug/l	97
14) Allyl chloride	4.552	41	165056	50.729	ug/l	89
15) Acrylonitrile	5.246	53	140976	256.551	ug/l	98
16) Acetone	4.022	43	132131	293.472	ug/l	98
17) Carbon Disulfide	4.264	76	405924	49.909	ug/l	99
18) Methyl Acetate	4.552	43	64511	46.149	ug/l	93
19) Methyl tert-butyl Ether	5.311	73	264778	52.645	ug/l	97
20) Methylene Chloride	4.793	84	163133	48.847	ug/l	89
21) trans-1,2-Dichloroethene	5.311	96	144598	52.239	ug/l	90
22) Diisopropyl ether	6.211	45	373063	51.533	ug/l	# 93
23) Vinyl Acetate	6.152	43	1470667	270.246	ug/l	93
24) 1,1-Dichloroethane	6.105	63	242096	49.903	ug/l	96
25) 2-Butanone	7.075	43	190039	297.724	ug/l	95
26) 2,2-Dichloropropane	7.075	77	221578	56.466	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	172149	54.410	ug/l	89
28) Bromochloromethane	7.422	49	119477	56.161	ug/l	# 73
29) Tetrahydrofuran	7.440	42	106679	269.680	ug/l	# 84
30) Chloroform	7.587	83	253706	51.641	ug/l	98
31) Cyclohexane	7.875	56	200574	52.130	ug/l	87
32) 1,1,1-Trichloroethane	7.787	97	214081	52.808	ug/l	97
36) 1,1-Dichloropropene	8.005	75	203497	59.562	ug/l	# 41
37) Ethyl Acetate	7.163	43	78750	56.218	ug/l	98
38) Carbon Tetrachloride	7.987	117	201835	56.197	ug/l	95
39) Methylcyclohexane	9.275	83	229749	56.360	ug/l	93
40) Benzene	8.246	78	594094	54.748	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	43970	57.066	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	138059	53.390	ug/l	96
43) Isopropyl Acetate	8.357	43	146099	55.495	ug/l #	92
44) Trichloroethene	9.022	130	143293	53.046	ug/l	93
45) 1,2-Dichloropropane	9.299	63	142048	53.790	ug/l	92
46) Dibromomethane	9.393	93	80442	54.947	ug/l	96
47) Bromodichloromethane	9.581	83	196670	54.711	ug/l	99
48) Methyl methacrylate	9.375	41	67432	57.233	ug/l	86
49) 1,4-Dioxane	9.387	88	17576	1158.626	ug/l	88
51) 4-Methyl-2-Pentanone	10.157	43	396592	295.061	ug/l	96
52) Toluene	10.328	92	379074	56.483	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	190122	57.272	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	219424	54.952	ug/l	94
55) 1,1,2-Trichloroethane	10.728	97	108346	56.181	ug/l	97
56) Ethyl methacrylate	10.593	69	136722	59.833	ug/l	90
57) 1,3-Dichloropropane	10.875	76	199518	60.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	328186	311.431	ug/l	93
59) 2-Hexanone	10.916	43	306051	326.486	ug/l	96
60) Dibromochloromethane	11.069	129	137590	54.615	ug/l	99
61) 1,2-Dibromoethane	11.175	107	100572	55.666	ug/l	96
64) Tetrachloroethene	10.804	164	126148	46.676	ug/l	95
65) Chlorobenzene	11.604	112	432996	48.787	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	138272	47.352	ug/l	99
67) Ethyl Benzene	11.681	91	731777	50.365	ug/l	99
68) m/p-Xylenes	11.787	106	569711	98.834	ug/l	94
69) o-Xylene	12.116	106	322558	61.049	ug/l	99
70) Styrene	12.134	104	486513	52.522	ug/l	90
71) Bromoform	12.298	173	79100	47.917	ug/l #	99
73) Isopropylbenzene	12.416	105	673275	51.999	ug/l	97
74) N-amyl acetate	12.228	43	149140	58.830	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	128605	57.436	ug/l	86
76) 1,2,3-Trichloropropane	12.722	75	71858m	47.696	ug/l	
77) Bromobenzene	12.698	156	156876	54.281	ug/l	88
78) n-propylbenzene	12.757	91	844996	58.650	ug/l	97
79) 2-Chlorotoluene	12.845	91	453563	56.537	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	561923	58.527	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	130204	164.832	ug/l #	49
82) 4-Chlorotoluene	12.945	91	469286	56.114	ug/l	97
83) tert-Butylbenzene	13.163	119	514409	54.927	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	562161	51.902	ug/l	98
85) sec-Butylbenzene	13.340	105	741607	58.072	ug/l	100
86) p-Isopropyltoluene	13.457	119	625496	51.623	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	317159	52.978	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	309809	52.638	ug/l	97
89) n-Butylbenzene	13.787	91	596072	53.159	ug/l	97
90) Hexachloroethane	14.051	117	126978	56.848	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	273091	53.376	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.440	75	21087	70.778	ug/l	81
93) 1,2,4-Trichlorobenzene	15.092	180	184831	57.337	ug/l	98
94) Hexachlorobutadiene	15.198	225	99807	57.366	ug/l	94
95) Naphthalene	15.328	128	348094	62.389	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	155732	54.919	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

