

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018436.D
 Acq On : 03 Jun 2024 13:17
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY060324

Quant Time: Jun 04 05:40:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 06/04/2024
 Supervised By :Mahesh Dadoda 06/04/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	56585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	86804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	78101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	53017	47.710	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.420%		
35) Dibromofluoromethane	7.710	113	55339	50.275	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.540%		
50) Toluene-d8	10.173	98	228905	52.273	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.540%		
62) 4-Bromofluorobenzene	12.477	95	71076	52.130	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	37247	41.447	ug/l	92
3) Chloromethane	2.107	50	75612	45.116	ug/l	99
4) Vinyl Chloride	2.241	62	93468	46.626	ug/l	100
5) Bromomethane	2.638	94	61833	46.233	ug/l	94
6) Chloroethane	2.778	64	60922	48.134	ug/l	95
7) Trichlorofluoromethane	3.107	101	97421	46.970	ug/l	98
8) Diethyl Ether	3.515	74	27734	44.440	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.875	101	55677	46.100	ug/l	93
10) Methyl Iodide	4.076	142	52064	43.888	ug/l	95
11) Tert butyl alcohol	4.936	59	27503	211.107	ug/l #	83
12) 1,1-Dichloroethene	3.857	96	54659	46.045	ug/l	94
13) Acrolein	3.717	56	32864	288.927	ug/l	100
14) Allyl chloride	4.460	41	82490	47.448	ug/l	95
15) Acrylonitrile	5.143	53	64448	225.818	ug/l	98
16) Acetone	3.930	43	59591	241.611	ug/l	88
17) Carbon Disulfide	4.180	76	155734	44.722	ug/l	98
18) Methyl Acetate	4.466	43	25963	42.096	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	131888	46.100	ug/l	97
20) Methylene Chloride	4.698	84	62051	45.086	ug/l	90
21) trans-1,2-Dichloroethene	5.198	96	59436	46.918	ug/l	96
22) Diisopropyl ether	6.100	45	174421	49.264	ug/l	91
23) Vinyl Acetate	6.045	43	564497	244.987	ug/l	96
24) 1,1-Dichloroethane	6.003	63	103382	46.814	ug/l	99
25) 2-Butanone	6.972	43	88626	234.559	ug/l	92
26) 2,2-Dichloropropane	6.966	77	90372	46.561	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	68550	46.519	ug/l	91
28) Bromochloromethane	7.320	49	55517	54.630	ug/l	83
29) Tetrahydrofuran	7.338	42	56169	228.903	ug/l	88
30) Chloroform	7.490	83	105750	47.745	ug/l	98
31) Cyclohexane	7.777	56	97060	46.846	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	92989	47.934	ug/l	97
36) 1,1-Dichloropropene	7.905	75	81937	48.820	ug/l	98
37) Ethyl Acetate	7.057	43	35796	42.693	ug/l	97
38) Carbon Tetrachloride	7.887	117	78904	46.914	ug/l	99
39) Methylcyclohexane	9.173	83	111010	48.927	ug/l	96
40) Benzene	8.149	78	242773	48.276	ug/l	98

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41) Methacrylonitrile	7.301	41	20450	50.143	ug/l	92
42) 1,2-Dichloroethane	8.228	62	59173	48.399	ug/l	99
43) Isopropyl Acetate	8.265	43	74027	47.218	ug/l	93
44) Trichloroethene	8.935	130	58271	46.759	ug/l	95
45) 1,2-Dichloropropane	9.210	63	56530	49.154	ug/l	97
46) Dibromomethane	9.301	93	31385	47.598	ug/l	93
47) Bromodichloromethane	9.490	83	76628	48.413	ug/l	99
48) Methyl methacrylate	9.289	41	33924	47.031	ug/l	86
49) 1,4-Dioxane	9.283	88	7569	874.129	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	193735	237.982	ug/l	94
52) Toluene	10.240	92	154008	49.793	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	73171	50.340	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	88714	49.570	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	42949	50.065	ug/l	96
56) Ethyl methacrylate	10.502	69	60201	49.869	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	73770	50.655	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	157455	242.890	ug/l	96
59) 2-Hexanone	10.825	43	138725	246.596	ug/l	91
60) Dibromochloromethane	10.977	129	51414	49.057	ug/l	98
61) 1,2-Dibromoethane	11.081	107	39104	48.407	ug/l	99
64) Tetrachloroethene	10.715	164	52481	45.619	ug/l	93
65) Chlorobenzene	11.514	112	160730	47.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	51534	47.585	ug/l	98
67) Ethyl Benzene	11.587	91	300620	49.312	ug/l	99
68) m/p-Xylenes	11.697	106	226948	98.866	ug/l	97
69) o-Xylene	12.026	106	105452	47.722	ug/l	95
70) Styrene	12.038	104	180921	50.111	ug/l	98
71) Bromoform	12.203	173	26965	47.263	ug/l #	98
73) Isopropylbenzene	12.325	105	285177	46.662	ug/l	100
74) N-amyl acetate	12.142	43	64387	43.282	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	47880	44.505	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	31909m	43.450	ug/l	
77) Bromobenzene	12.605	156	58600	45.160	ug/l	93
78) n-propylbenzene	12.666	91	344013	46.900	ug/l	99
79) 2-Chlorotoluene	12.752	91	184327	46.224	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	220871	46.402	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	15477	44.277	ug/l	92
82) 4-Chlorotoluene	12.849	91	179128	44.640	ug/l	99
83) tert-Butylbenzene	13.075	119	204488	46.458	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	215186	46.177	ug/l	99
85) sec-Butylbenzene	13.251	105	300654	46.382	ug/l	99
86) p-Isopropyltoluene	13.367	119	249608	47.711	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	118207	46.181	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	117504	46.728	ug/l	99
89) n-Butylbenzene	13.697	91	230797	46.424	ug/l	99
90) Hexachloroethane	13.959	117	45555	46.456	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	101665	45.644	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6541	39.954	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	55903	46.407	ug/l	97
94) Hexachlorobutadiene	15.111	225	29243	45.708	ug/l	97
95) Naphthalene	15.233	128	111660	46.153	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	45668	44.807	ug/l	96

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

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