

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018373.D
 Acq On : 24 May 2024 18:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 25 03:27:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	122517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	230780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	201619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	61533	53.012	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	106.020%		
35) Dibromofluoromethane	7.704	113	61226	45.494	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.980%		
50) Toluene-d8	10.173	98	246874	47.051	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.100%		
62) 4-Bromofluorobenzene	12.477	95	76524	47.200	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	46981	44.928	ug/l	98
3) Chloromethane	2.107	50	95003	55.905	ug/l	99
4) Vinyl Chloride	2.241	62	116081	61.059	ug/l	95
5) Bromomethane	2.638	94	78215	57.544	ug/l	98
6) Chloroethane	2.778	64	74724	60.551	ug/l	97
7) Trichlorofluoromethane	3.107	101	118776	55.672	ug/l	96
8) Diethyl Ether	3.515	74	36491	53.566	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.881	101	68667	52.170	ug/l	94
10) Methyl Iodide	4.070	142	70917	53.576	ug/l	96
11) Tert butyl alcohol	4.936	59	30955	298.607	ug/l #	79
12) 1,1-Dichloroethene	3.851	96	68458	52.809	ug/l	92
13) Acrolein	3.710	56	20352	209.808	ug/l	99
14) Allyl chloride	4.460	41	104016	57.452	ug/l	96
15) Acrylonitrile	5.143	53	84205	285.775	ug/l	99
16) Acetone	3.930	43	62065	259.972	ug/l	92
17) Carbon Disulfide	4.180	76	206034	56.915	ug/l	98
18) Methyl Acetate	4.460	43	35993	56.880	ug/l	95
19) Methyl tert-butyl Ether	5.204	73	176675	56.838	ug/l	99
20) Methylene Chloride	4.698	84	84055	62.343	ug/l	95
21) trans-1,2-Dichloroethene	5.198	96	75366	55.111	ug/l	95
22) Diisopropyl ether	6.106	45	233638	62.099	ug/l	96
23) Vinyl Acetate	6.045	43	734871	305.039	ug/l	95
24) 1,1-Dichloroethane	6.003	63	134507	58.295	ug/l	99
25) 2-Butanone	6.966	43	106021	280.237	ug/l #	86
26) 2,2-Dichloropropane	6.960	77	106526	53.407	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	89920	55.956	ug/l	94
28) Bromochloromethane	7.320	49	48047	61.311	ug/l	84
29) Tetrahydrofuran	7.338	42	73640	295.723	ug/l	88
30) Chloroform	7.496	83	135202	57.489	ug/l	98
31) Cyclohexane	7.771	56	121361	59.860	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	117428	56.887	ug/l	98
36) 1,1-Dichloropropene	7.905	75	99933	51.203	ug/l	98
37) Ethyl Acetate	7.064	43	51096	54.728	ug/l	98
38) Carbon Tetrachloride	7.887	117	96468	48.259	ug/l	100
39) Methylcyclohexane	9.173	83	135219	49.665	ug/l	92
40) Benzene	8.149	78	317771	53.410	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	25711	55.169	ug/l	90
42) 1,2-Dichloroethane	8.228	62	75661	52.867	ug/l	99
43) Isopropyl Acetate	8.265	43	100368	55.097	ug/l	91
44) Trichloroethene	8.929	130	74751	49.015	ug/l	89
45) 1,2-Dichloropropane	9.209	63	75664	56.544	ug/l	100
46) Dibromomethane	9.295	93	40252	51.263	ug/l	90
47) Bromodichloromethane	9.490	83	100064	52.511	ug/l #	98
48) Methyl methacrylate	9.283	41	45208	54.863	ug/l	89
49) 1,4-Dioxane	9.289	88	10562	1036.746	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	260189	283.010	ug/l	93
52) Toluene	10.240	92	198664	53.266	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	96477	55.376	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	115634	54.167	ug/l #	92
55) 1,1,2-Trichloroethane	10.642	97	55447	53.301	ug/l	97
56) Ethyl methacrylate	10.502	69	81116	56.849	ug/l #	87
57) 1,3-Dichloropropane	10.782	76	96128	54.520	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	134662	208.862	ug/l	97
59) 2-Hexanone	10.825	43	172443	272.590	ug/l	93
60) Dibromochloromethane	10.977	129	66572	52.983	ug/l	100
61) 1,2-Dibromoethane	11.087	107	52756	54.963	ug/l	99
64) Tetrachloroethene	10.715	164	69097	48.312	ug/l	95
65) Chlorobenzene	11.514	112	213584	51.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	69443	52.705	ug/l	97
67) Ethyl Benzene	11.587	91	383520	52.434	ug/l	99
68) m/p-Xylenes	11.697	106	286985	101.975	ug/l	99
69) o-Xylene	12.026	106	135816	51.138	ug/l	99
70) Styrene	12.038	104	229988	52.386	ug/l	99
71) Bromoform	12.203	173	35971	51.615	ug/l #	99
73) Isopropylbenzene	12.325	105	352761	48.999	ug/l	99
74) N-amyl acetate	12.136	43	81249	48.372	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	59574	48.564	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	45177m	54.876	ug/l	
77) Bromobenzene	12.605	156	79182	50.217	ug/l	97
78) n-propylbenzene	12.666	91	412823	47.890	ug/l	98
79) 2-Chlorotoluene	12.752	91	224026	48.003	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	277197	48.997	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	19075	47.673	ug/l	99
82) 4-Chlorotoluene	12.849	91	226992	47.971	ug/l	98
83) tert-Butylbenzene	13.069	119	253795	48.531	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	274802	49.390	ug/l	100
85) sec-Butylbenzene	13.245	105	374855	48.467	ug/l	99
86) p-Isopropyltoluene	13.361	119	307459	48.600	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	152107	48.988	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	149148	48.262	ug/l	99
89) n-Butylbenzene	13.690	91	284389	47.836	ug/l	99
90) Hexachloroethane	13.959	117	57120	48.893	ug/l	94
91) 1,2-Dichlorobenzene	13.733	146	134567	49.946	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8252	49.045	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	75564	49.239	ug/l	98
94) Hexachlorobutadiene	15.111	225	39118	49.810	ug/l	98
95) Naphthalene	15.233	128	148504	49.210	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	62403	47.828	ug/l	96

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

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