

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100924\
 Data File : VY019842.D
 Acq On : 09 Oct 2024 19:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024

Quant Time: Oct 10 05:42:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	370943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	661006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	575209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	278078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	235026	51.457	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.920%			
35) Dibromofluoromethane	7.640	113	221850	50.861	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.720%			
50) Toluene-d8	10.109	98	815056	50.600	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.200%			
62) 4-Bromofluorobenzene	12.401	95	294415	50.584	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 101.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.866	85	138632	40.146	ug/l	98
3) Chloromethane	2.068	50	197766	44.003	ug/l	100
4) Vinyl Chloride	2.208	62	214272	43.324	ug/l	98
5) Bromomethane	2.598	94	144013	46.004	ug/l	100
6) Chloroethane	2.738	64	142959	43.027	ug/l	100
7) Trichlorofluoromethane	3.061	101	303938	41.300	ug/l	98
8) Diethyl Ether	3.458	74	97227	43.470	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.817	101	180306	42.121	ug/l	98
10) Methyl Iodide	4.006	142	189798	43.840	ug/l	100
11) Tert butyl alcohol	4.860	59	78722	209.929	ug/l	98
12) 1,1-Dichloroethene	3.793	96	169743	42.655	ug/l	96
13) Acrolein	3.653	56	92732	276.307	ug/l	99
14) Allyl chloride	4.390	41	312320	43.498	ug/l	99
15) Acrylonitrile	5.061	53	226334	221.241	ug/l	99
16) Acetone	3.872	43	218411	183.698	ug/l	100
17) Carbon Disulfide	4.110	76	480489	45.047	ug/l	100
18) Methyl Acetate	4.390	43	118637	46.320	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	500308	43.761	ug/l	97
20) Methylene Chloride	4.622	84	198307	41.327	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	190261	43.928	ug/l	99
22) Diisopropyl ether	6.018	45	698287	44.648	ug/l	97
23) Vinyl Acetate	5.963	43	1957451	218.320	ug/l	98
24) 1,1-Dichloroethane	5.921	63	383859	44.153	ug/l	99
25) 2-Butanone	6.896	43	322799	202.831	ug/l	99
26) 2,2-Dichloropropane	6.890	77	312654	40.382	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	236169	44.124	ug/l	99
28) Bromochloromethane	7.250	49	179150	46.818	ug/l	100
29) Tetrahydrofuran	7.262	42	197111	216.917	ug/l	100
30) Chloroform	7.420	83	391464	44.172	ug/l	98
31) Cyclohexane	7.701	56	309517	40.557	ug/l	96
32) 1,1,1-Trichloroethane	7.615	97	333677	42.963	ug/l	99
36) 1,1-Dichloropropene	7.835	75	266655	42.433	ug/l	100
37) Ethyl Acetate	6.981	43	136412	41.630	ug/l	98
38) Carbon Tetrachloride	7.823	117	282655	41.957	ug/l	99
39) Methylcyclohexane	9.109	83	325422	41.099	ug/l	98
40) Benzene	8.079	78	820335	43.134	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	79589m	44.877	ug/l	
42) 1,2-Dichloroethane	8.158	62	236256	43.240	ug/l	100
43) Isopropyl Acetate	8.201	43	286271	42.838	ug/l	98
44) Trichloroethene	8.865	130	193160	41.934	ug/l	93
45) 1,2-Dichloropropane	9.139	63	202260	42.490	ug/l	99
46) Dibromomethane	9.231	93	111406	42.836	ug/l	98
47) Bromodichloromethane	9.420	83	299358	43.365	ug/l	97
48) Methyl methacrylate	9.219	41	131220	44.639	ug/l	97
49) 1,4-Dioxane	9.231	88	24224	832.198	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	729030	213.880	ug/l	99
52) Toluene	10.170	92	513166	43.227	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	261164	42.047	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	310020	42.300	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	143787	41.963	ug/l	96
56) Ethyl methacrylate	10.438	69	216299	43.993	ug/l	99
57) 1,3-Dichloropropane	10.712	76	258543	42.966	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	591450	258.401	ug/l	98
59) 2-Hexanone	10.755	43	505511	207.643	ug/l	99
60) Dibromochloromethane	10.907	129	188069	42.762	ug/l	98
61) 1,2-Dibromoethane	11.011	107	131560	42.488	ug/l	98
64) Tetrachloroethene	10.645	164	170401	41.649	ug/l	98
65) Chlorobenzene	11.438	112	556875	42.327	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	187851	42.202	ug/l	99
67) Ethyl Benzene	11.517	91	1004614	42.036	ug/l	98
68) m/p-Xylenes	11.627	106	735229	83.298	ug/l	99
69) o-Xylene	11.950	106	356049	41.984	ug/l	99
70) Styrene	11.968	104	613677	42.891	ug/l	99
71) Bromoform	12.127	173	98397	41.293	ug/l #	97
73) Isopropylbenzene	12.249	105	954388	40.803	ug/l	100
74) N-amyl acetate	12.066	43	259315	41.859	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	172604	41.530	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	116238m	40.143	ug/l	
77) Bromobenzene	12.529	156	201350	40.566	ug/l	97
78) n-propylbenzene	12.590	91	1153387	40.810	ug/l	100
79) 2-Chlorotoluene	12.675	91	666087	41.109	ug/l	100
80) 1,3,5-Trimethylbenzene	12.730	105	766018	40.552	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.297	75	54531	40.405	ug/l	97
82) 4-Chlorotoluene	12.773	91	674367	40.705	ug/l	100
83) tert-Butylbenzene	12.992	119	685881	40.532	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	768896	41.056	ug/l	99
85) sec-Butylbenzene	13.169	105	1023580	40.485	ug/l	100
86) p-Isopropyltoluene	13.285	119	816887	39.789	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	401021	40.008	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	398972	40.516	ug/l	99
89) n-Butylbenzene	13.614	91	800401	39.926	ug/l	100
90) Hexachloroethane	13.876	117	161284	40.344	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	357740	40.619	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	26045	39.266	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	196243	39.737	ug/l	99
94) Hexachlorobutadiene	15.023	225	104711	38.137	ug/l	100
95) Naphthalene	15.138	128	391697	42.053	ug/l	99
96) 1,2,3-Trichlorobenzene	15.321	180	169091	40.504	ug/l	100

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

