

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012251.D
 Acq On : 18 Jan 2023 17:13
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 00:36:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	248582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	381293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	348139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	174069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	96355	46.488	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.980%		
35) Dibromofluoromethane	7.716	113	93277	46.201	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.400%		
50) Toluene-d8	10.179	98	337904	48.144	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.280%		
62) 4-Bromofluorobenzene	12.477	95	127525	44.807	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	91615	42.173	ug/l	97
3) Chloromethane	2.113	50	97417	48.576	ug/l	99
4) Vinyl Chloride	2.247	62	112354	47.999	ug/l	98
5) Bromomethane	2.650	94	80953	44.732	ug/l	100
6) Chloroethane	2.790	64	72993	47.814	ug/l	97
7) Trichlorofluoromethane	3.125	101	205952	45.081	ug/l	99
8) Diethyl Ether	3.528	74	67265	49.481	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	111245	50.032	ug/l	95
10) Methyl Iodide	4.088	142	154747	45.797	ug/l	100
11) Tert butyl alcohol	4.948	59	65194	267.486	ug/l	99
12) 1,1-Dichloroethene	3.869	96	115174	50.447	ug/l	95
13) Acrolein	3.723	56	18553	195.892	ug/l	99
14) Allyl chloride	4.479	41	155364	55.036	ug/l	94
15) Acrylonitrile	5.155	53	158421	266.796	ug/l	99
16) Acetone	3.942	43	162717	235.076	ug/l	100
17) Carbon Disulfide	4.192	76	352703	49.945	ug/l	100
18) Methyl Acetate	4.473	43	88883	57.385	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	318767	50.087	ug/l	95
20) Methylene Chloride	4.716	84	135364	46.076	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	127639	50.100	ug/l	94
22) Diisopropyl ether	6.113	45	317247	56.370	ug/l #	95
23) Vinyl Acetate	6.058	43	944561	269.340	ug/l	95
24) 1,1-Dichloroethane	6.015	63	207678	53.202	ug/l	99
25) 2-Butanone	6.984	43	201545	263.745	ug/l	91
26) 2,2-Dichloropropane	6.978	77	202064	47.683	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	143490	51.274	ug/l	95
28) Bromochloromethane	7.332	49	42753	50.149	ug/l	82
29) Tetrahydrofuran	7.344	42	117943	280.984	ug/l	89
30) Chloroform	7.503	83	228213	49.525	ug/l	100
31) Cyclohexane	7.783	56	182891	50.462	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	215529	47.245	ug/l	97
36) 1,1-Dichloropropene	7.917	75	169670	49.449	ug/l	97
37) Ethyl Acetate	7.070	43	77855	51.470	ug/l #	94
38) Carbon Tetrachloride	7.899	117	201853	45.550	ug/l	98
39) Methylcyclohexane	9.179	83	212020	50.563	ug/l	96
40) Benzene	8.155	78	499353	50.423	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	54262m	61.029	ug/l	
42) 1,2-Dichloroethane	8.234	62	146739	46.542	ug/l	99
43) Isopropyl Acetate	8.271	43	147757	52.504	ug/l	95
44) Trichloroethene	8.935	130	146674	49.551	ug/l	99
45) 1,2-Dichloropropane	9.216	63	112964	54.665	ug/l	98
46) Dibromomethane	9.301	93	69896	50.524	ug/l	96
47) Bromodichloromethane	9.496	83	172610	49.567	ug/l	100
48) Methyl methacrylate	9.289	41	72925	56.240	ug/l	94
49) 1,4-Dioxane	9.295	88	19952	1058.427	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	400700	267.022	ug/l	95
52) Toluene	10.240	92	328295	49.788	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	181182	49.740	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	201294	51.314	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	101210	51.493	ug/l	99
56) Ethyl methacrylate	10.508	69	135854	52.685	ug/l	95
57) 1,3-Dichloropropane	10.789	76	166789	51.960	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.777	63	209637	245.700	ug/l	94
59) 2-Hexanone	10.831	43	297434	260.336	ug/l	95
60) Dibromochloromethane	10.984	129	130164	49.931	ug/l	99
61) 1,2-Dibromoethane	11.087	107	96759	51.017	ug/l	100
64) Tetrachloroethene	10.715	164	165595	52.128	ug/l	98
65) Chlorobenzene	11.514	112	349661	49.088	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	131596	48.945	ug/l	99
67) Ethyl Benzene	11.593	91	627922	49.325	ug/l	99
68) m/p-Xylenes	11.703	106	492809	97.908	ug/l	98
69) o-Xylene	12.026	106	235211	48.924	ug/l	98
70) Styrene	12.044	104	396682	49.383	ug/l	99
71) Bromoform	12.209	173	84184	49.008	ug/l	98
73) Isopropylbenzene	12.331	105	623970	49.711	ug/l	99
74) N-amyl acetate	12.142	43	128656	52.288	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	102905	52.049	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	82755m	51.702	ug/l	
77) Bromobenzene	12.605	156	149921	49.637	ug/l	94
78) n-propylbenzene	12.672	91	726616	49.470	ug/l	99
79) 2-Chlorotoluene	12.758	91	412650	49.689	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	526774	48.277	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	39679	51.078	ug/l	97
82) 4-Chlorotoluene	12.855	91	426616	48.905	ug/l	99
83) tert-Butylbenzene	13.075	119	455492	47.895	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	523784	48.675	ug/l	99
85) sec-Butylbenzene	13.251	105	656647	48.496	ug/l	98
86) p-Isopropyltoluene	13.367	119	565218	47.778	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	287837	47.916	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	287717	48.026	ug/l	99
89) n-Butylbenzene	13.697	91	498664	48.640	ug/l	99
90) Hexachloroethane	13.959	117	104471	48.917	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	258102	48.153	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19845	48.570	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	164250	47.824	ug/l	98
94) Hexachlorobutadiene	15.111	225	97745	47.270	ug/l	99
95) Naphthalene	15.233	128	332014	48.978	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	140939	47.688	ug/l	99

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

