

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011434.D
 Acq On : 14 Nov 2022 12:37
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 01:48:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	263639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	405772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	370746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	184574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	107201	48.524	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.040%		
35) Dibromofluoromethane	7.722	113	118486	52.104	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.200%		
50) Toluene-d8	10.179	98	430790	49.587	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.180%		
62) 4-Bromofluorobenzene	12.483	95	161645	53.346	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	75108	47.545	ug/l	97
3) Chloromethane	2.113	50	93595	44.172	ug/l	95
4) Vinyl Chloride	2.253	62	113933	45.615	ug/l	98
5) Bromomethane	2.656	94	83502	46.167	ug/l	98
6) Chloroethane	2.796	64	80146	48.324	ug/l	99
7) Trichlorofluoromethane	3.131	101	192155	48.759	ug/l	93
8) Diethyl Ether	3.534	74	67118	48.500	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.906	101	119939	50.200	ug/l	95
10) Methyl Iodide	4.095	142	152424	47.833	ug/l	91
11) Tert butyl alcohol	4.954	59	51669	182.005	ug/l	98
12) 1,1-Dichloroethene	3.875	96	112282	47.464	ug/l #	79
13) Acrolein	3.735	56	11955	171.410	ug/l	96
14) Allyl chloride	4.485	41	154539	48.408	ug/l #	82
15) Acrylonitrile	5.168	53	160862	243.272	ug/l	96
16) Acetone	3.948	43	124534	213.620	ug/l #	84
17) Carbon Disulfide	4.198	76	312294	44.322	ug/l	100
18) Methyl Acetate	4.479	43	72916	44.979	ug/l #	80
19) Methyl tert-butyl Ether	5.222	73	314112	50.771	ug/l	94
20) Methylene Chloride	4.716	84	156232	49.178	ug/l #	79
21) trans-1,2-Dichloroethene	5.222	96	132934	49.286	ug/l	84
22) Diisopropyl ether	6.125	45	355831	52.226	ug/l #	86
23) Vinyl Acetate	6.064	43	1043422	261.779	ug/l #	88
24) 1,1-Dichloroethane	6.021	63	224269	50.548	ug/l	97
25) 2-Butanone	6.990	43	188603	227.124	ug/l #	77
26) 2,2-Dichloropropane	6.984	77	204758	49.348	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	153099	50.437	ug/l	84
28) Bromochloromethane	7.332	49	84597	52.504	ug/l #	72
29) Tetrahydrofuran	7.350	42	120287	239.134	ug/l #	76
30) Chloroform	7.509	83	243260	51.841	ug/l	99
31) Cyclohexane	7.789	56	185639	46.763	ug/l	86
32) 1,1,1-Trichloroethane	7.704	97	217004	51.132	ug/l	93
36) 1,1-Dichloropropene	7.917	75	179213	50.777	ug/l	96
37) Ethyl Acetate	7.076	43	82474	48.645	ug/l #	88
38) Carbon Tetrachloride	7.905	117	201055	52.369	ug/l	99
39) Methylcyclohexane	9.185	83	218939	50.767	ug/l	89
40) Benzene	8.161	78	542379	51.460	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	40428m	46.049	ug/l	
42) 1,2-Dichloroethane	8.240	62	144165	52.194	ug/l	89
43) Isopropyl Acetate	8.277	43	150523	49.214	ug/l #	82
44) Trichloroethene	8.941	130	150630	50.876	ug/l	100
45) 1,2-Dichloropropane	9.216	63	130965	52.210	ug/l	95
46) Dibromomethane	9.307	93	76249	52.208	ug/l	97
47) Bromodichloromethane	9.496	83	186803	53.385	ug/l	98
48) Methyl methacrylate	9.295	41	68686	49.972	ug/l #	70
49) 1,4-Dioxane	9.301	88	19193	962.601	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	424418	258.046	ug/l #	83
52) Toluene	10.246	92	353318	52.496	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	188292	52.187	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	217921	52.331	ug/l #	78
55) 1,1,2-Trichloroethane	10.648	97	111244	52.599	ug/l	98
56) Ethyl methacrylate	10.514	69	146577	53.895	ug/l #	70
57) 1,3-Dichloropropane	10.795	76	186688	52.913	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	332923	264.817	ug/l	92
59) 2-Hexanone	10.831	43	292761	251.261	ug/l	79
60) Dibromochloromethane	10.984	129	139655	53.495	ug/l	100
61) 1,2-Dibromoethane	11.093	107	104985	51.627	ug/l	100
64) Tetrachloroethene	10.721	164	153218	51.702	ug/l	98
65) Chlorobenzene	11.520	112	381167	51.367	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	144904	52.194	ug/l	98
67) Ethyl Benzene	11.593	91	676048	52.139	ug/l	98
68) m/p-Xylenes	11.703	106	535050	105.255	ug/l	93
69) o-Xylene	12.032	106	251470	52.449	ug/l	92
70) Styrene	12.044	104	434572	53.919	ug/l	95
71) Bromoform	12.209	173	89294	51.890	ug/l #	99
73) Isopropylbenzene	12.331	105	676081	52.996	ug/l	100
74) N-amyl acetate	12.148	43	136705	50.934	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.587	83	123909	50.553	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	102853m	48.141	ug/l	
77) Bromobenzene	12.611	156	158506	51.958	ug/l	92
78) n-propylbenzene	12.672	91	807924	53.076	ug/l	97
79) 2-Chlorotoluene	12.758	91	454900	52.255	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	571939	53.155	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	44908	50.524	ug/l #	80
82) 4-Chlorotoluene	12.855	91	464204	51.367	ug/l	97
83) tert-Butylbenzene	13.075	119	508521	54.663	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	566799	53.666	ug/l	98
85) sec-Butylbenzene	13.258	105	736079	53.752	ug/l	99
86) p-Isopropyltoluene	13.373	119	619937	54.008	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	315140	51.749	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	311292	51.690	ug/l	99
89) n-Butylbenzene	13.697	91	556881	53.992	ug/l	98
90) Hexachloroethane	13.965	117	119111	53.036	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	282874	52.363	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19929	49.902	ug/l	74
93) 1,2,4-Trichlorobenzene	15.007	180	168516	52.915	ug/l	99
94) Hexachlorobutadiene	15.111	225	103613	55.071	ug/l	99
95) Naphthalene	15.239	128	332199	47.732	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	147513	53.639	ug/l	99

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

