

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010781.D
 Acq On : 04 Oct 2022 09:14
 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 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022

Quant Time: Oct 05 07:22:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	250761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	395093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	363153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	183312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	127323	50.092	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.180%			
35) Dibromofluoromethane	7.716	113	120739	46.037	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.080%			
50) Toluene-d8	10.179	98	487479	54.350	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.700%			
62) 4-Bromofluorobenzene	12.483	95	162811	46.182	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	85679	49.319	ug/l	99
3) Chloromethane	2.119	50	141191	48.864	ug/l	96
4) Vinyl Chloride	2.253	62	170773	49.082	ug/l	97
5) Bromomethane	2.656	94	122150	49.476	ug/l	98
6) Chloroethane	2.796	64	115649	49.876	ug/l	100
7) Trichlorofluoromethane	3.131	101	201654	47.591	ug/l	94
8) Diethyl Ether	3.528	74	67494	49.514	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	117951	48.554	ug/l	94
10) Methyl Iodide	4.095	142	157558	48.518	ug/l	93
11) Tert butyl alcohol	4.948	59	56515	255.351	ug/l	99
12) 1,1-Dichloroethene	3.875	96	115747	48.822	ug/l	82
13) Acrolein	3.735	56	38713	219.132	ug/l	98
14) Allyl chloride	4.485	41	171788	48.405	ug/l #	94
15) Acrylonitrile	5.161	53	161684	243.470	ug/l	98
16) Acetone	3.942	43	170735	264.482	ug/l	90
17) Carbon Disulfide	4.198	76	373671	48.772	ug/l	100
18) Methyl Acetate	4.473	43	75674	45.891	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	311998	50.272	ug/l	95
20) Methylene Chloride	4.716	84	139008	49.036	ug/l	84
21) trans-1,2-Dichloroethene	5.222	96	137072	49.514	ug/l	89
22) Diisopropyl ether	6.119	45	385840	49.572	ug/l #	94
23) Vinyl Acetate	6.058	43	1186296	251.615	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	234081	49.386	ug/l	98
25) 2-Butanone	6.984	43	228118	245.790	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	217634	48.372	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	154622	50.328	ug/l	89
28) Bromochloromethane	7.332	49	92783	52.599	ug/l	87
29) Tetrahydrofuran	7.344	42	133503	244.612	ug/l #	86
30) Chloroform	7.502	83	244640	50.012	ug/l	99
31) Cyclohexane	7.783	56	207328	45.570	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	217622	49.386	ug/l	97
36) 1,1-Dichloropropene	7.917	75	189493	50.050	ug/l	98
37) Ethyl Acetate	7.070	43	92146	49.597	ug/l #	95
38) Carbon Tetrachloride	7.899	117	201360	51.063	ug/l	99
39) Methylcyclohexane	9.185	83	227961	49.018	ug/l	89
40) Benzene	8.161	78	552005	50.613	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	57253m	52.477	ug/l	
42) 1,2-Dichloroethane	8.234	62	157795	51.176	ug/l	93
43) Isopropyl Acetate	8.271	43	166594	49.542	ug/l #	89
44) Trichloroethene	8.941	130	148371	50.243	ug/l	99
45) 1,2-Dichloropropane	9.216	63	133516	50.781	ug/l	96
46) Dibromomethane	9.307	93	77447	51.498	ug/l	97
47) Bromodichloromethane	9.496	83	186873	51.490	ug/l	99
48) Methyl methacrylate	9.295	41	81049	51.317	ug/l #	87
49) 1,4-Dioxane	9.295	88	18535	1001.200	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	472757	256.973	ug/l	89
52) Toluene	10.246	92	357289	51.474	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	191771	51.036	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	220200	51.174	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	105945	50.206	ug/l	99
56) Ethyl methacrylate	10.514	69	143544	52.942	ug/l #	82
57) 1,3-Dichloropropane	10.795	76	184429	51.406	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	351284	251.769	ug/l	96
59) 2-Hexanone	10.831	43	343733	269.769	ug/l	88
60) Dibromochloromethane	10.990	129	131641	52.030	ug/l	99
61) 1,2-Dibromoethane	11.087	107	103203	51.293	ug/l	100
64) Tetrachloroethene	10.721	164	144426	50.158	ug/l	96
65) Chlorobenzene	11.520	112	376838	50.109	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	140162	50.990	ug/l	98
67) Ethyl Benzene	11.593	91	693441	51.236	ug/l	99
68) m/p-Xylenes	11.703	106	542849	102.488	ug/l	95
69) o-Xylene	12.032	106	255670	51.628	ug/l	94
70) Styrene	12.044	104	437148	52.378	ug/l	95
71) Bromoform	12.209	173	83890	51.271	ug/l #	100
73) Isopropylbenzene	12.331	105	675565	50.130	ug/l	100
74) N-amyl acetate	12.148	43	156398	50.497	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	122361	48.598	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	84459m	45.497	ug/l	
77) Bromobenzene	12.611	156	154565	49.997	ug/l	97
78) n-propylbenzene	12.672	91	824507	50.236	ug/l	99
79) 2-Chlorotoluene	12.758	91	454685	49.517	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	577614	50.676	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	43771	49.254	ug/l	89
82) 4-Chlorotoluene	12.855	91	475968	49.572	ug/l	98
83) tert-Butylbenzene	13.075	119	499402	51.393	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	571045	50.958	ug/l	99
85) sec-Butylbenzene	13.258	105	731364	50.000	ug/l	100
86) p-Isopropyltoluene	13.373	119	628570	51.219	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	313254	49.923	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	308456	49.645	ug/l	99
89) n-Butylbenzene	13.697	91	572676	50.710	ug/l	99
90) Hexachloroethane	13.965	117	113395	48.307	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	272655	49.854	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19380	47.868	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	157378	49.043	ug/l	99
94) Hexachlorobutadiene	15.111	225	94346	47.684	ug/l	99
95) Naphthalene	15.239	128	307876	50.340	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	134554	49.188	ug/l	99

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

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