

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010452.D
 Acq On : 13 Sep 2022 12:05
 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

Quant Time: Sep 14 05:20:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	235942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	371664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	333403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170282	50.000	ug/l	0.00

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 adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	126262	53.133	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.260%	
35) Dibromofluoromethane	7.710	113	122107	46.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.520%	
50) Toluene-d8	10.173	98	457071	53.429	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.860%	
62) 4-Bromofluorobenzene	12.477	95	162445	47.612	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.220%	

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Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	84384	53.241	ug/l	99
3) Chloromethane	2.107	50	136380	51.449	ug/l	98
4) Vinyl Chloride	2.241	62	164504	50.302	ug/l	100
5) Bromomethane	2.637	94	104149	45.458	ug/l	96
6) Chloroethane	2.784	64	108623	49.658	ug/l	98
7) Trichlorofluoromethane	3.113	101	208082	50.230	ug/l	94
8) Diethyl Ether	3.521	74	66551	49.604	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	122883	50.664	ug/l	96
10) Methyl Iodide	4.076	142	143296	47.744	ug/l	92
11) Tert butyl alcohol	4.942	59	63083	248.979	ug/l	96
12) 1,1-Dichloroethene	3.857	96	112484	49.436	ug/l	88
13) Acrolein	3.717	56	61774	272.489	ug/l	96
14) Allyl chloride	4.466	41	174802	53.349	ug/l #	95
15) Acrylonitrile	5.149	53	171769	264.477	ug/l	98
16) Acetone	3.936	43	143924	263.915	ug/l	93
17) Carbon Disulfide	4.180	76	291214	47.328	ug/l	100
18) Methyl Acetate	4.466	43	81057	48.314	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	329045	52.366	ug/l	97
20) Methylene Chloride	4.704	84	138209	52.708	ug/l #	84
21) trans-1,2-Dichloroethene	5.204	96	127025	49.167	ug/l	88
22) Diisopropyl ether	6.106	45	392424	53.647	ug/l #	94
23) Vinyl Acetate	6.045	43	1225016	273.273	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	233570	52.742	ug/l	99
25) 2-Butanone	6.978	43	226598	261.459	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	224449	53.114	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	151477	50.440	ug/l	91
28) Bromochloromethane	7.326	49	80376	56.609	ug/l #	85
29) Tetrahydrofuran	7.338	42	142225	262.940	ug/l #	86
30) Chloroform	7.496	83	245213	52.202	ug/l	99
31) Cyclohexane	7.777	56	196145	48.859	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	222630	52.341	ug/l	96
36) 1,1-Dichloropropene	7.911	75	182035	50.375	ug/l	97
37) Ethyl Acetate	7.063	43	98276	51.734	ug/l #	94
38) Carbon Tetrachloride	7.893	117	200952	49.985	ug/l	98
39) Methylcyclohexane	9.179	83	221124	49.076	ug/l	90
40) Benzene	8.155	78	524273	50.399	ug/l	97

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41) Methacrylonitrile	7.301	41	45774m	42.150	ug/l	93
42) 1,2-Dichloroethane	8.228	62	156613	50.628	ug/l	93
43) Isopropyl Acetate	8.264	43	181432	52.188	ug/l #	91
44) Trichloroethene	8.935	130	147972	48.324	ug/l	99
45) 1,2-Dichloropropane	9.209	63	132358	52.171	ug/l	98
46) Dibromomethane	9.301	93	76000	49.675	ug/l	98
47) Bromodichloromethane	9.490	83	190772	52.497	ug/l	99
48) Methyl methacrylate	9.289	41	82071	52.564	ug/l #	85
49) 1,4-Dioxane	9.289	88	19330	954.450	ug/l #	84
51) 4-Methyl-2-Pentanone	10.063	43	500796	262.624	ug/l	91
52) Toluene	10.240	92	340377	50.002	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	192786	51.550	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	215389	51.063	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	108770	49.979	ug/l	98
56) Ethyl methacrylate	10.508	69	147538	51.620	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	183132	50.607	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	175790	220.920	ug/l	95
59) 2-Hexanone	10.831	43	346731	266.748	ug/l	89
60) Dibromochloromethane	10.983	129	134075	50.414	ug/l	100
61) 1,2-Dibromoethane	11.087	107	103552	49.015	ug/l	99
64) Tetrachloroethene	10.715	164	143385	47.714	ug/l	96
65) Chlorobenzene	11.514	112	368535	49.429	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	140406	50.844	ug/l	98
67) Ethyl Benzene	11.587	91	666547	50.511	ug/l	99
68) m/p-Xylenes	11.697	106	523798	101.107	ug/l	93
69) o-Xylene	12.026	106	250378	50.615	ug/l	93
70) Styrene	12.044	104	423650	50.601	ug/l	96
71) Bromoform	12.209	173	84683	49.049	ug/l #	98
73) Isopropylbenzene	12.325	105	670338	50.454	ug/l	100
74) N-amyl acetate	12.142	43	167780	54.124	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	123840	49.828	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	92758m	49.357	ug/l	
77) Bromobenzene	12.605	156	154732	49.149	ug/l	95
78) n-propylbenzene	12.672	91	805820	51.219	ug/l	98
79) 2-Chlorotoluene	12.751	91	449953	50.913	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	567083	50.587	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	43256	51.105	ug/l	91
82) 4-Chlorotoluene	12.855	91	470236	51.146	ug/l	99
83) tert-Butylbenzene	13.075	119	500081	51.038	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	561195	51.164	ug/l	98
85) sec-Butylbenzene	13.251	105	741482	51.107	ug/l	99
86) p-Isopropyltoluene	13.367	119	627437	51.127	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	311392	49.257	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	307955	49.194	ug/l	99
89) n-Butylbenzene	13.696	91	580416	52.104	ug/l	99
90) Hexachloroethane	13.959	117	116270	50.461	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	278574	49.752	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21046	50.169	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	170217	48.947	ug/l	99
94) Hexachlorobutadiene	15.111	225	100813	48.046	ug/l	98
95) Naphthalene	15.233	128	349638	50.974	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	148229	48.828	ug/l	99

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

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