

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051222\
 Data File : VY008740.D
 Acq On : 12 May 2022 18:20
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051222

Quant Time: May 13 02:09:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	223721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	371955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	355290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	193846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110273	49.493	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.980%		
35) Dibromofluoromethane	7.716	113	109299	48.960	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.920%		
50) Toluene-d8	10.179	98	417684	49.612	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.220%		
62) 4-Bromofluorobenzene	12.477	95	149350	51.201	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	72778	46.397	ug/l	97
3) Chloromethane	2.107	50	155867	46.978	ug/l	97
4) Vinyl Chloride	2.247	62	208939	45.506	ug/l	99
5) Bromomethane	2.643	94	195032	48.423	ug/l	98
6) Chloroethane	2.790	64	143141	44.560	ug/l	99
7) Trichlorofluoromethane	3.119	101	171033	44.146	ug/l	92
8) Diethyl Ether	3.521	74	53112	44.474	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	102999	44.907	ug/l	99
10) Methyl Iodide	4.088	142	99263	44.444	ug/l	99
11) Tert butyl alcohol	4.942	59	70313	135.493	ug/l	99
12) 1,1-Dichloroethene	3.869	96	92875	44.216	ug/l	98
13) Acrolein	3.723	56	25615	178.954	ug/l	97
14) Allyl chloride	4.472	41	133335	44.930	ug/l	98
15) Acrylonitrile	5.149	53	145235	237.859	ug/l	99
16) Acetone	3.942	43	114698	242.836	ug/l	99
17) Carbon Disulfide	4.192	76	256605	42.942	ug/l	99
18) Methyl Acetate	4.472	43	63783	46.731	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	296350	47.594	ug/l	95
20) Methylene Chloride	4.710	84	124367	49.072	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	112655	44.037	ug/l	98
22) Diisopropyl ether	6.112	45	324398	46.889	ug/l	98
23) Vinyl Acetate	6.051	43	1106935	268.390	ug/l	99
24) 1,1-Dichloroethane	6.015	63	198949	45.481	ug/l	100
25) 2-Butanone	6.984	43	192955	244.155	ug/l	100
26) 2,2-Dichloropropane	6.978	77	192730	46.354	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	134342	46.083	ug/l	99
28) Bromochloromethane	7.332	49	78551	45.000	ug/l	96
29) Tetrahydrofuran	7.344	42	123965	243.239	ug/l	100
30) Chloroform	7.502	83	215184	46.151	ug/l	98
31) Cyclohexane	7.777	56	173037	48.123	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	196341	46.540	ug/l	99
36) 1,1-Dichloropropene	7.911	75	165788	46.445	ug/l	99
37) Ethyl Acetate	7.069	43	86291	47.772	ug/l	98
38) Carbon Tetrachloride	7.893	117	177009	46.994	ug/l	96
39) Methylcyclohexane	9.179	83	211178	46.535	ug/l	98
40) Benzene	8.155	78	483990	46.656	ug/l	99

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41) Methacrylonitrile	7.313	41	49664m	56.675	ug/l	
42) 1,2-Dichloroethane	8.234	62	140370	47.818	ug/l	99
43) Isopropyl Acetate	8.270	43	171064	50.250	ug/l	99
44) Trichloroethene	8.935	130	129509	46.750	ug/l	95
45) 1,2-Dichloropropane	9.209	63	120022	47.921	ug/l	97
46) Dibromomethane	9.301	93	77045	48.476	ug/l	99
47) Bromodichloromethane	9.496	83	178099	48.357	ug/l	99
48) Methyl methacrylate	9.289	41	71949	49.339	ug/l	96
49) 1,4-Dioxane	9.295	88	19526	980.773	ug/l	100
51) 4-Methyl-2-Pentanone	10.069	43	463204	253.757	ug/l	99
52) Toluene	10.240	92	335896	48.670	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	187578	49.404	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	200387	47.236	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	106408	48.833	ug/l	97
56) Ethyl methacrylate	10.508	69	143509	51.169	ug/l	97
57) 1,3-Dichloropropane	10.788	76	175860	49.194	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	372540	253.637	ug/l	99
59) 2-Hexanone	10.831	43	322218	261.942	ug/l	100
60) Dibromochloromethane	10.983	129	129382	49.627	ug/l	99
61) 1,2-Dibromoethane	11.087	107	102201	48.760	ug/l	97
64) Tetrachloroethene	10.715	164	118906	44.567	ug/l	98
65) Chlorobenzene	11.514	112	357427	47.301	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	137767	49.099	ug/l	99
67) Ethyl Benzene	11.593	91	667927	49.232	ug/l	99
68) m/p-Xylenes	11.703	106	543299	100.428	ug/l	99
69) o-Xylene	12.026	106	253513	49.835	ug/l	99
70) Styrene	12.044	104	437919	51.710	ug/l	100
71) Bromoform	12.209	173	83071	50.304	ug/l #	99
73) Isopropylbenzene	12.331	105	670283	45.709	ug/l	100
74) N-amyl acetate	12.142	43	163220	48.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	135137	44.862	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	95485m	48.951	ug/l	
77) Bromobenzene	12.605	156	148705	44.787	ug/l	100
78) n-propylbenzene	12.672	91	814465	45.857	ug/l	100
79) 2-Chlorotoluene	12.757	91	438849	45.891	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	565898	47.327	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	47205	46.752	ug/l	99
82) 4-Chlorotoluene	12.855	91	473154	46.996	ug/l	100
83) tert-Butylbenzene	13.075	119	497056	46.789	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	576833	48.536	ug/l	99
85) sec-Butylbenzene	13.251	105	768722	47.689	ug/l	100
86) p-Isopropyltoluene	13.367	119	652491	48.497	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	323350	46.877	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	316318	46.725	ug/l	100
89) n-Butylbenzene	13.696	91	593969	47.203	ug/l	99
90) Hexachloroethane	13.958	117	116069	46.762	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	278440	46.606	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20199	45.168	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	146637	44.198	ug/l	99
94) Hexachlorobutadiene	15.111	225	74165	42.460	ug/l	98
95) Naphthalene	15.233	128	320962	45.264	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	127343	43.352	ug/l	100

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

