

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008918.D
 Acq On : 20 May 2022 21:20
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY052022

Quant Time: May 20 23:55:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/24/2022
 Supervised By : Mahesh Dadoda 05/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	164914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	279833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	181264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66826	39.373	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	78.740%		
35) Dibromofluoromethane	7.716	113	74632	43.712	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.420%		
50) Toluene-d8	10.179	98	253249	40.207	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	80.420%		
62) 4-Bromofluorobenzene	12.483	95	137461	54.101	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	108.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	73144	48.493	ug/l	98
3) Chloromethane	2.113	50	103314	47.811	ug/l	95
4) Vinyl Chloride	2.247	62	147870	46.189	ug/l	99
5) Bromomethane	2.644	94	130755	41.666	ug/l	97
6) Chloroethane	2.790	64	102480	45.185	ug/l	98
7) Trichlorofluoromethane	3.125	101	130083	47.847	ug/l	93
8) Diethyl Ether	3.528	74	41525	48.847	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.893	101	82577	49.420	ug/l	93
10) Methyl Iodide	4.088	142	90264	52.315	ug/l	94
11) Tert butyl alcohol	4.954	59	35642	207.030	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	77539	49.988	ug/l	85
13) Acrolein	3.729	56	7050	124.411	ug/l	100
14) Allyl chloride	4.473	41	115578	49.442	ug/l #	89
15) Acrylonitrile	5.155	53	110346	231.828	ug/l	97
16) Acetone	3.942	43	75599	213.981	ug/l	95
17) Carbon Disulfide	4.192	76	248221	48.982	ug/l	98
18) Methyl Acetate	4.473	43	50190	45.620	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	227994	48.970	ug/l	94
20) Methylene Chloride	4.710	84	101294	51.575	ug/l	84
21) trans-1,2-Dichloroethene	5.216	96	99066	49.759	ug/l	86
22) Diisopropyl ether	6.119	45	279305	49.734	ug/l #	93
23) Vinyl Acetate	6.058	43	906656	244.059	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	167485	49.861	ug/l	98
25) 2-Butanone	6.984	43	143719	227.753	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	150350	48.590	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	112988	50.343	ug/l	87
28) Bromochloromethane	7.332	49	56473	48.981	ug/l #	86
29) Tetrahydrofuran	7.344	42	96640	225.455	ug/l #	83
30) Chloroform	7.503	83	182370	50.296	ug/l	99
31) Cyclohexane	7.783	56	159199	47.946	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	167463	50.907	ug/l	96
36) 1,1-Dichloropropene	7.917	75	146580	50.447	ug/l	98
37) Ethyl Acetate	7.070	43	67151	44.553	ug/l	96
38) Carbon Tetrachloride	7.899	117	153658	50.553	ug/l	97
39) Methylcyclohexane	9.179	83	196573	52.413	ug/l	89
40) Benzene	8.161	78	424805	50.701	ug/l	98

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41) Methacrylonitrile	7.314	41	35891m	46.146	ug/l	
42) 1,2-Dichloroethane	8.234	62	122668	49.859	ug/l	94
43) Isopropyl Acetate	8.271	43	134949	48.153	ug/l #	90
44) Trichloroethene	8.935	130	113892	51.337	ug/l	97
45) 1,2-Dichloropropane	9.216	63	102423	50.910	ug/l	92
46) Dibromomethane	9.307	93	63670	49.772	ug/l	95
47) Bromodichloromethane	9.496	83	148072	50.648	ug/l	99
48) Methyl methacrylate	9.289	41	61309	48.992	ug/l #	85
49) 1,4-Dioxane	9.295	88	15953	932.895	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	369286	238.094	ug/l	89
52) Toluene	10.246	92	311343	53.173	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	161698	52.083	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	171893	51.502	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	89554	50.038	ug/l	97
56) Ethyl methacrylate	10.508	69	119294	52.136	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	147452	50.506	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	243534	246.014	ug/l	95
59) 2-Hexanone	10.831	43	260834	245.622	ug/l	87
60) Dibromochloromethane	10.984	129	112635	51.917	ug/l	100
61) 1,2-Dibromoethane	11.087	107	89421	50.421	ug/l	99
64) Tetrachloroethene	10.721	164	102481	50.315	ug/l	98
65) Chlorobenzene	11.514	112	331711	51.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	122917	52.265	ug/l	97
67) Ethyl Benzene	11.593	91	620500	53.608	ug/l	98
68) m/p-Xylenes	11.703	106	525208	111.775	ug/l	91
69) o-Xylene	12.032	106	244986	56.145	ug/l	91
70) Styrene	12.044	104	430632	57.388	ug/l	94
71) Bromoform	12.209	173	82777	53.095	ug/l #	100
73) Isopropylbenzene	12.331	105	663518	48.954	ug/l	100
74) N-amyl acetate	12.142	43	146209	46.754	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	123747	44.321	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	89780m	46.122	ug/l	
77) Bromobenzene	12.611	156	149387	47.547	ug/l	94
78) n-propylbenzene	12.672	91	818059	52.240	ug/l	98
79) 2-Chlorotoluene	12.758	91	452119	50.053	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	582059	51.235	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	42769	45.097	ug/l #	85
82) 4-Chlorotoluene	12.855	91	498739	51.623	ug/l	97
83) tert-Butylbenzene	13.075	119	511752	50.774	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	575693	51.047	ug/l	97
85) sec-Butylbenzene	13.251	105	795174	51.565	ug/l	99
86) p-Isopropyltoluene	13.367	119	671925	52.251	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	341050	50.886	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	335877	49.882	ug/l	99
89) n-Butylbenzene	13.697	91	604543	51.387	ug/l	99
90) Hexachloroethane	13.959	117	119220	49.471	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	294631	49.800	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18735	43.221	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	154761	47.663	ug/l	99
94) Hexachlorobutadiene	15.111	225	85721	48.439	ug/l	99
95) Naphthalene	15.239	128	307837	47.194	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	133691	47.382	ug/l	100

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

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