

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062422\
 Data File : VY009314.D
 Acq On : 24 Jun 2022 17:58
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062422

Quant Time: Jun 25 07:09:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	201556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	326641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	291594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	70024	45.734	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.460%		
35) Dibromofluoromethane	7.710	113	79790	45.256	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.520%		
50) Toluene-d8	10.173	98	246069	47.418	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.840%		
62) 4-Bromofluorobenzene	12.477	95	113109	45.046	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	75136	45.162	ug/l	98
3) Chloromethane	2.107	50	93580	47.873	ug/l	96
4) Vinyl Chloride	2.241	62	100457	47.776	ug/l	98
5) Bromomethane	2.638	94	60587	44.702	ug/l	94
6) Chloroethane	2.778	64	54035	50.762	ug/l	99
7) Trichlorofluoromethane	3.107	101	127517	47.661	ug/l	100
8) Diethyl Ether	3.522	74	53692	51.679	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	95336	49.845	ug/l	99
10) Methyl Iodide	4.076	142	120546	47.464	ug/l	97
11) Tert butyl alcohol	4.948	59	58604	209.270	ug/l	97
12) 1,1-Dichloroethene	3.857	96	92487	49.195	ug/l	96
13) Acrolein	3.717	56	41606	222.981	ug/l	97
14) Allyl chloride	4.466	41	166533	50.462	ug/l	99
15) Acrylonitrile	5.149	53	143306	250.426	ug/l	100
16) Acetone	3.936	43	113824	220.892	ug/l	95
17) Carbon Disulfide	4.180	76	299419	48.919	ug/l	98
18) Methyl Acetate	4.466	43	67383	46.968	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	265864	50.338	ug/l	99
20) Methylene Chloride	4.704	84	110999	50.089	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	112487	50.715	ug/l	99
22) Diisopropyl ether	6.113	45	330906	50.614	ug/l	97
23) Vinyl Acetate	6.045	43	1084934	257.866	ug/l	99
24) 1,1-Dichloroethane	6.009	63	193880	51.409	ug/l	97
25) 2-Butanone	6.978	43	184288	237.822	ug/l	100
26) 2,2-Dichloropropane	6.972	77	173813	49.691	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	124818	51.344	ug/l	99
28) Bromochloromethane	7.326	49	84578	52.426	ug/l	99
29) Tetrahydrofuran	7.338	42	121680	244.671	ug/l	98
30) Chloroform	7.496	83	189697	49.858	ug/l	100
31) Cyclohexane	7.777	56	180275	49.462	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	173384	51.607	ug/l	98
36) 1,1-Dichloropropene	7.911	75	155438	52.532	ug/l	99
37) Ethyl Acetate	7.064	43	83939	49.949	ug/l	99
38) Carbon Tetrachloride	7.893	117	158329	52.038	ug/l	98
39) Methylcyclohexane	9.179	83	195643	53.065	ug/l	99
40) Benzene	8.155	78	443315	50.911	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	38198	42.218	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	122531	49.984	ug/l	99
43) Isopropyl Acetate	8.265	43	151776	48.886	ug/l	99
44) Trichloroethene	8.935	130	125113	51.383	ug/l	98
45) 1,2-Dichloropropane	9.210	63	110250	51.586	ug/l	99
46) Dibromomethane	9.301	93	62360	50.322	ug/l	98
47) Bromodichloromethane	9.490	83	147045	51.027	ug/l	100
48) Methyl methacrylate	9.289	41	69002	50.010	ug/l	97
49) 1,4-Dioxane	9.289	88	17417	1033.709	ug/l	99
51) 4-Methyl-2-Pentanone	10.063	43	380845	242.797	ug/l	99
52) Toluene	10.240	92	273797	50.753	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	156724	51.385	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	178233	51.290	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	86053	50.440	ug/l	98
56) Ethyl methacrylate	10.502	69	117678	52.183	ug/l	99
57) 1,3-Dichloropropane	10.782	76	145278	50.133	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	300894	258.006	ug/l	100
59) 2-Hexanone	10.825	43	260996	239.216	ug/l	100
60) Dibromochloromethane	10.977	129	105676	51.130	ug/l	99
61) 1,2-Dibromoethane	11.081	107	84845	50.739	ug/l	98
64) Tetrachloroethene	10.715	164	130914	51.615	ug/l	95
65) Chlorobenzene	11.508	112	291184	50.327	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	106818	51.524	ug/l	99
67) Ethyl Benzene	11.587	91	514563	50.370	ug/l	100
68) m/p-Xylenes	11.697	106	403910	100.637	ug/l	99
69) o-Xylene	12.026	106	192160	51.022	ug/l	99
70) Styrene	12.038	104	321645	51.446	ug/l	100
71) Bromoform	12.203	173	65832	51.444	ug/l #	99
73) Isopropylbenzene	12.325	105	499946	53.220	ug/l	100
74) N-amyl acetate	12.142	43	125821	49.864	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	91018	51.405	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	60253m	45.572	ug/l	
77) Bromobenzene	12.605	156	119570	52.002	ug/l	98
78) n-propylbenzene	12.666	91	602523	52.010	ug/l	99
79) 2-Chlorotoluene	12.752	91	334982	52.046	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	418136	52.845	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	34201	51.207	ug/l	97
82) 4-Chlorotoluene	12.849	91	345520	51.520	ug/l	100
83) tert-Butylbenzene	13.069	119	369775	53.441	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	409628	52.507	ug/l	100
85) sec-Butylbenzene	13.251	105	537549	52.375	ug/l	99
86) p-Isopropyltoluene	13.367	119	448622	52.836	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	227823	51.432	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	229720	51.398	ug/l	99
89) n-Butylbenzene	13.690	91	420972	52.863	ug/l	100
90) Hexachloroethane	13.959	117	85036	52.922	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	206151	51.853	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14829	48.470	ug/l	97
93) 1,2,4-Trichlorobenzene	15.001	180	127046	53.115	ug/l	99
94) Hexachlorobutadiene	15.111	225	72154	54.610	ug/l	100
95) Naphthalene	15.233	128	261326	54.568	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	108482	52.352	ug/l	97

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

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