

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009990.D
 Acq On : 12 Aug 2022 16:40
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY081222

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/15/2022
 Supervised By :Mahesh Dadoda 08/16/2022

Quant Time: Aug 13 02:56:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	111007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	180874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	160968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	54026	47.978	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.960%		
35) Dibromofluoromethane	7.704	113	56872	51.374	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.740%		
50) Toluene-d8	10.173	98	218244	51.452	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.900%		
62) 4-Bromofluorobenzene	12.477	95	76000	48.903	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	49985	50.158	ug/l	99
3) Chloromethane	2.107	50	35586	48.615	ug/l	98
4) Vinyl Chloride	2.241	62	38885	50.417	ug/l	98
5) Bromomethane	2.637	94	29107	54.142	ug/l	95
6) Chloroethane	2.778	64	24033	47.132	ug/l	95
7) Trichlorofluoromethane	3.113	101	94346	49.379	ug/l	97
8) Diethyl Ether	3.515	74	34584	48.086	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.881	101	62013	50.509	ug/l	95
10) Methyl Iodide	4.076	142	73255	49.877	ug/l	97
11) Tert butyl alcohol	4.948	59	27641	251.033	ug/l	96
12) 1,1-Dichloroethene	3.857	96	59867	50.222	ug/l	92
13) Acrolein	3.716	56	32703	225.708	ug/l	98
14) Allyl chloride	4.460	41	82556	49.675	ug/l	93
15) Acrylonitrile	5.149	53	82944	240.946	ug/l	99
16) Acetone	3.936	43	73072	270.192	ug/l #	87
17) Carbon Disulfide	4.180	76	194335	50.093	ug/l	98
18) Methyl Acetate	4.460	43	37113	49.876	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	147452	50.621	ug/l	97
20) Methylene Chloride	4.704	84	72345	51.394	ug/l #	85
21) trans-1,2-Dichloroethene	5.198	96	67388	50.869	ug/l	92
22) Diisopropyl ether	6.106	45	163553	48.677	ug/l	96
23) Vinyl Acetate	6.045	43	527607	254.136	ug/l	95
24) 1,1-Dichloroethane	6.003	63	105513	49.212	ug/l	99
25) 2-Butanone	6.972	43	100287	238.976	ug/l	94
26) 2,2-Dichloropropane	6.966	77	94590	49.775	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	71165	50.008	ug/l	94
28) Bromochloromethane	7.319	49	40833	47.682	ug/l	84
29) Tetrahydrofuran	7.338	42	63122	238.001	ug/l #	87
30) Chloroform	7.496	83	109677	49.470	ug/l	98
31) Cyclohexane	7.771	56	99968	49.598	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	97180	51.585	ug/l	99
36) 1,1-Dichloropropene	7.905	75	85831	52.067	ug/l	99
37) Ethyl Acetate	7.063	43	44395	49.900	ug/l #	95
38) Carbon Tetrachloride	7.886	117	89755	54.560	ug/l	100
39) Methylcyclohexane	9.173	83	110289	55.564	ug/l	98
40) Benzene	8.149	78	253677	50.852	ug/l	98

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41) Methacrylonitrile	7.307	41	25089m	53.091	ug/l	
42) 1,2-Dichloroethane	8.228	62	65865	50.969	ug/l	98
43) Isopropyl Acetate	8.264	43	77082	49.914	ug/l	93
44) Trichloroethene	8.935	130	70500	52.186	ug/l	96
45) 1,2-Dichloropropane	9.209	63	60147	50.250	ug/l	95
46) Dibromomethane	9.301	93	35942	49.876	ug/l	99
47) Bromodichloromethane	9.490	83	82305	51.374	ug/l	100
48) Methyl methacrylate	9.289	41	36005	53.136	ug/l	90
49) 1,4-Dioxane	9.289	88	8624	957.664	ug/l	97
51) 4-Methyl-2-Pentanone	10.063	43	210424	251.323	ug/l	92
52) Toluene	10.240	92	158693	52.824	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	85202	51.748	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	99664	52.352	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	51595	50.061	ug/l	99
56) Ethyl methacrylate	10.508	69	68743	53.946	ug/l	91
57) 1,3-Dichloropropane	10.788	76	84960	50.820	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	122737	220.051	ug/l	97
59) 2-Hexanone	10.825	43	151659	262.501	ug/l	92
60) Dibromochloromethane	10.983	129	61769	52.477	ug/l	99
61) 1,2-Dibromoethane	11.087	107	50207	50.863	ug/l	98
64) Tetrachloroethene	10.715	164	63772	54.230	ug/l	96
65) Chlorobenzene	11.514	112	168294	51.508	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	61005	52.413	ug/l	98
67) Ethyl Benzene	11.587	91	297795	54.208	ug/l	98
68) m/p-Xylenes	11.697	106	230552	108.418	ug/l	95
69) o-Xylene	12.026	106	108105	53.605	ug/l	97
70) Styrene	12.044	104	181940	52.962	ug/l	98
71) Bromoform	12.203	173	38187	51.936	ug/l #	99
73) Isopropylbenzene	12.325	105	287422	55.215	ug/l	100
74) N-amyl acetate	12.142	43	70158	52.686	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	60021	49.956	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	42907m	47.873	ug/l	
77) Bromobenzene	12.605	156	66991	53.197	ug/l	92
78) n-propylbenzene	12.666	91	362094	55.424	ug/l	98
79) 2-Chlorotoluene	12.751	91	203976	54.965	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	242305	56.971	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	21686	52.597	ug/l	93
82) 4-Chlorotoluene	12.855	91	211628	54.744	ug/l	96
83) tert-Butylbenzene	13.075	119	209957	56.161	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	239114	55.987	ug/l	98
85) sec-Butylbenzene	13.251	105	317424	55.421	ug/l	98
86) p-Isopropyltoluene	13.367	119	258130	57.094	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	130456	52.556	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	131294	50.880	ug/l	98
89) n-Butylbenzene	13.696	91	249410	57.136	ug/l	99
90) Hexachloroethane	13.959	117	51273	52.884	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	119467	53.506	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9924	51.429	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	68614	54.010	ug/l	98
94) Hexachlorobutadiene	15.111	225	38908	54.234	ug/l	99
95) Naphthalene	15.239	128	151566	49.507	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	60352	53.118	ug/l	98

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

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