

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
 Data File : VU048971.D
 Acq On : 08 Jun 2022 18:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 09 09:58:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.372	168	201334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	340052	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	310276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	179344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	154211	51.002	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.000%
35) Dibromofluoromethane	5.288	113	123931	51.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.160%
50) Toluene-d8	7.896	98	434545	49.969	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.940%
62) 4-Bromofluorobenzene	10.632	95	184576	56.121	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.240%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	91794	39.827	ug/l	97
3) Chloromethane	1.523	50	120981	40.775	ug/l	100
4) Vinyl Chloride	1.600	62	120662	43.908	ug/l	100
5) Bromomethane	1.829	94	68597	44.374	ug/l	97
6) Chloroethane	1.909	64	71025	46.919	ug/l	99
7) Trichlorofluoromethane	2.125	101	181859	46.337	ug/l	99
8) Diethyl Ether	2.372	74	75607	52.203	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.571	101	101381	47.190	ug/l	99
10) Methyl Iodide	2.713	142	147292	46.387	ug/l	97
11) Tert butyl alcohol	3.192	59	267491	348.941	ug/l #	41
12) 1,1-Dichloroethene	2.571	96	95005	46.363	ug/l	98
13) Acrolein	2.481	56	41760	162.907	ug/l	99
14) Allyl chloride	2.915	41	191522	48.255	ug/l	99
15) Acrylonitrile	3.308	53	469590	282.448	ug/l	100
16) Acetone	2.623	43	393996	255.687	ug/l	98
17) Carbon Disulfide	2.784	76	207341	34.661	ug/l	100
18) Methyl Acetate	2.944	43	226065	58.432	ug/l	98
19) Methyl tert-butyl Ether	3.359	73	437983	56.330	ug/l	100
20) Methylene Chloride	3.041	84	128729	49.126	ug/l	96
21) trans-1,2-Dichloroethene	3.346	96	107843	46.008	ug/l	96
22) Diisopropyl ether	3.989	45	406889	55.577	ug/l	95
23) Vinyl Acetate	3.951	43	1749487	275.808	ug/l	98
24) 1,1-Dichloroethane	3.864	63	232561	50.578	ug/l	98
25) 2-Butanone	4.697	43	641742	289.897	ug/l	96
26) 2,2-Dichloropropane	4.661	77	189468	45.930	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	140843	51.911	ug/l	95
28) Bromochloromethane	4.970	49	97017	53.793	ug/l	94
29) Tetrahydrofuran	5.047	42	394795	283.132	ug/l	98
30) Chloroform	5.086	83	243755	52.982	ug/l	97
31) Cyclohexane	5.385	56	170235	44.675	ug/l	95
32) 1,1,1-Trichloroethane	5.314	97	211717	50.723	ug/l	98
36) 1,1-Dichloropropene	5.523	75	155803	44.003	ug/l	99
37) Ethyl Acetate	4.800	43	226633	50.632	ug/l	99
38) Carbon Tetrachloride	5.523	117	183579	45.193	ug/l	99
39) Methylcyclohexane	6.761	83	167171	45.029	ug/l	96
40) Benzene	5.771	78	492077	47.074	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	125911	55.665	ug/l	98
42) 1,2-Dichloroethane	5.793	62	194741	47.591	ug/l	100
43) Isopropyl Acetate	5.909	43	345278	53.147	ug/l	98
44) Trichloroethene	6.539	130	128099	47.566	ug/l	96
45) 1,2-Dichloropropane	6.790	63	139470	52.998	ug/l	98
46) Dibromomethane	6.915	93	97863	49.775	ug/l	96
47) Bromodichloromethane	7.105	83	193325	48.623	ug/l	99
48) Methyl methacrylate	6.957	41	165062	56.596	ug/l	98
49) 1,4-Dioxane	6.964	88	100454	1540.784	ug/l	99
51) 4-Methyl-2-Pentanone	7.793	43	1310131	310.572	ug/l	98
52) Toluene	7.970	92	317248	50.739	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	216367	50.447	ug/l	97
54) cis-1,3-Dichloropropene	7.607	75	223836	50.363	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	146185	52.975	ug/l	98
56) Ethyl methacrylate	8.333	69	241815	55.170	ug/l	97
57) 1,3-Dichloropropane	8.574	76	233965	50.376	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	283615	283.171	ug/l	99
59) 2-Hexanone	8.684	43	1033415	298.397	ug/l	97
60) Dibromochloromethane	8.809	129	156985	50.751	ug/l	100
61) 1,2-Dibromoethane	8.922	107	148498	48.864	ug/l	100
64) Tetrachloroethene	8.552	164	102003	47.283	ug/l	97
65) Chlorobenzene	9.446	112	344290	52.464	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	140173	56.274	ug/l	98
67) Ethyl Benzene	9.571	91	599326	54.149	ug/l	98
68) m/p-Xylenes	9.693	106	466135	107.681	ug/l	99
69) o-Xylene	10.098	106	241899	56.879	ug/l	99
70) Styrene	10.115	104	410752	58.718	ug/l	99
71) Bromoform	10.291	173	140094	60.829	ug/l #	100
73) Isopropylbenzene	10.484	105	648533	56.012	ug/l	100
74) N-amyl acetate	10.320	43	328631	55.764	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	297538	62.971	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	335927	58.094	ug/l	99
77) Bromobenzene	10.783	156	169196	54.413	ug/l	99
78) n-propylbenzene	10.906	91	743534	53.893	ug/l	100
79) 2-Chlorotoluene	10.986	91	472351	55.054	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	577839	57.389	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.545	75	87217	54.764	ug/l	99
82) 4-Chlorotoluene	11.095	91	537174	54.265	ug/l	98
83) tert-Butylbenzene	11.420	119	591697	61.228	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	586120	53.918	ug/l	100
85) sec-Butylbenzene	11.642	105	701123	57.993	ug/l	98
86) p-Isopropyltoluene	11.793	119	601579	57.944	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	324783	53.273	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	322855	51.258	ug/l	100
89) n-Butylbenzene	12.208	91	500363	48.230	ug/l	99
90) Hexachloroethane	12.475	117	109546	51.701	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	341922	55.517	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.995	75	78287	57.545	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	203789	50.424	ug/l	99
94) Hexachlorobutadiene	14.021	225	93581	48.308	ug/l	97
95) Naphthalene	14.085	128	765376	54.004	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	219032	54.718	ug/l	99

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

