

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048925.D
 Acq On : 07 Jun 2022 21:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 08 04:57:32 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	168693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	279288	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	256794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	147229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	135102	53.327	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.660%
35) Dibromofluoromethane	5.288	113	105590	52.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.980%
50) Toluene-d8	7.896	98	348134	48.742	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.480%
62) 4-Bromofluorobenzene	10.632	95	139312	51.574	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.140%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	87437	45.277	ug/l	98
3) Chloromethane	1.520	50	120638	48.526	ug/l	99
4) Vinyl Chloride	1.600	62	109412	47.518	ug/l	98
5) Bromomethane	1.829	94	52617	40.213	ug/l	98
6) Chloroethane	1.912	64	64000	50.655	ug/l	99
7) Trichlorofluoromethane	2.125	101	158479	48.193	ug/l	99
8) Diethyl Ether	2.372	74	60547	49.894	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.571	101	87983	48.878	ug/l	99
10) Methyl Iodide	2.716	142	125608	47.159	ug/l	99
11) Tert butyl alcohol	3.189	59	219898	342.361	ug/l #	42
12) 1,1-Dichloroethene	2.571	96	82618	48.119	ug/l	98
13) Acrolein	2.481	56	41003	191.647	ug/l	99
14) Allyl chloride	2.919	41	172977	52.016	ug/l	97
15) Acrylonitrile	3.308	53	421430	302.527	ug/l	98
16) Acetone	2.620	43	364649	282.431	ug/l	99
17) Carbon Disulfide	2.787	76	189071	37.722	ug/l	99
18) Methyl Acetate	2.944	43	212960	65.695	ug/l	99
19) Methyl tert-butyl Ether	3.359	73	368119	56.506	ug/l	99
20) Methylene Chloride	3.041	84	114910	52.338	ug/l	99
21) trans-1,2-Dichloroethene	3.346	96	93457	47.585	ug/l	93
22) Diisopropyl ether	3.989	45	364222	59.375	ug/l	93
23) Vinyl Acetate	3.951	43	1536150	289.035	ug/l	99
24) 1,1-Dichloroethane	3.864	63	210864	54.733	ug/l	99
25) 2-Butanone	4.697	43	587109	316.536	ug/l	99
26) 2,2-Dichloropropane	4.661	77	139821	40.454	ug/l	99
27) cis-1,2-Dichloroethene	4.665	96	117398	51.642	ug/l	97
28) Bromochloromethane	4.970	49	86480	57.229	ug/l	100
29) Tetrahydrofuran	5.047	42	359438	307.653	ug/l	98
30) Chloroform	5.086	83	213432	55.367	ug/l	99
31) Cyclohexane	5.385	56	152622	47.803	ug/l	99
32) 1,1,1-Trichloroethane	5.314	97	183618	52.503	ug/l	99
36) 1,1-Dichloropropene	5.523	75	136908	47.079	ug/l	99
37) Ethyl Acetate	4.800	43	203254	55.288	ug/l	99
38) Carbon Tetrachloride	5.523	117	157966	47.348	ug/l	99
39) Methylcyclohexane	6.761	83	145243	47.634	ug/l	97
40) Benzene	5.771	78	418898	48.792	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	109807	59.108	ug/l	97
42) 1,2-Dichloroethane	5.793	62	172312	51.272	ug/l	99
43) Isopropyl Acetate	5.909	43	288406	54.051	ug/l	100
44) Trichloroethene	6.539	130	106247	48.035	ug/l	95
45) 1,2-Dichloropropane	6.790	63	123854	57.303	ug/l	100
46) Dibromomethane	6.919	93	85048	52.668	ug/l	99
47) Bromodichloromethane	7.105	83	170165	52.109	ug/l	99
48) Methyl methacrylate	6.957	41	143709	59.995	ug/l	99
49) 1,4-Dioxane	6.964	88	82489	1540.507	ug/l	98
51) 4-Methyl-2-Pentanone	7.790	43	1112518	321.105	ug/l	99
52) Toluene	7.970	92	264000	51.409	ug/l	100
53) t-1,3-Dichloropropene	8.208	75	177373	50.353	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	183791	50.350	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	122200	53.918	ug/l	99
56) Ethyl methacrylate	8.333	69	190866	53.122	ug/l	98
57) 1,3-Dichloropropane	8.574	76	205400	53.847	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	159970	203.791	ug/l	97
59) 2-Hexanone	8.684	43	912844	320.930	ug/l	100
60) Dibromochloromethane	8.809	129	132551	52.175	ug/l	99
61) 1,2-Dibromoethane	8.922	107	125120	50.129	ug/l	100
64) Tetrachloroethene	8.552	164	85428	47.860	ug/l	97
65) Chlorobenzene	9.446	112	278067	51.198	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	116616	56.567	ug/l	99
67) Ethyl Benzene	9.571	91	486669	53.128	ug/l	98
68) m/p-Xylenes	9.693	106	392559	109.571	ug/l	99
69) o-Xylene	10.102	106	196274	55.762	ug/l	98
70) Styrene	10.115	104	337907	58.365	ug/l	100
71) Bromoform	10.291	173	114933	60.298	ug/l #	99
73) Isopropylbenzene	10.484	105	523858	55.114	ug/l	99
74) N-amyl acetate	10.320	43	260792	53.988	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	240690	62.052	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	265113	55.848	ug/l	100
77) Bromobenzene	10.783	156	133266	52.206	ug/l	99
78) n-propylbenzene	10.906	91	594824	52.518	ug/l	100
79) 2-Chlorotoluene	10.986	91	380488	54.021	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	465983	56.374	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	61244	46.844	ug/l	96
82) 4-Chlorotoluene	11.095	91	435856	53.634	ug/l	98
83) tert-Butylbenzene	11.420	119	465031	58.618	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	464533	52.095	ug/l	99
85) sec-Butylbenzene	11.645	105	572294	57.663	ug/l	98
86) p-Isopropyltoluene	11.793	119	480654	56.395	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	249886	49.928	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	251243	48.589	ug/l	100
89) n-Butylbenzene	12.208	91	393875	46.337	ug/l	100
90) Hexachloroethane	12.475	117	92140	52.971	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	273959	54.185	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	62283	55.767	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	145625	43.892	ug/l	99
94) Hexachlorobutadiene	14.021	225	82649	51.971	ug/l	97
95) Naphthalene	14.086	128	467596	40.837	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	156927	47.754	ug/l	99

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

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