

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060122\
 Data File : VU048794.D
 Acq On : 01 Jun 2022 20:51
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 02 08:37:20 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	275770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	468751	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	424703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	238178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	203587	49.157	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.320%
35) Dibromofluoromethane	5.289	113	169815	50.779	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.560%
50) Toluene-d8	7.899	98	602537	50.263	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.520%
62) 4-Bromofluorobenzene	10.632	95	239503	52.828	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	136435	43.217	ug/l	100
3) Chloromethane	1.520	50	167164	41.133	ug/l	97
4) Vinyl Chloride	1.604	62	171728	45.623	ug/l	99
5) Bromomethane	1.845	94	71001	32.348	ug/l	99
6) Chloroethane	1.929	64	105660	51.183	ug/l	98
7) Trichlorofluoromethane	2.138	101	239355	44.525	ug/l	97
8) Diethyl Ether	2.375	74	96144	48.465	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.578	101	138528	47.076	ug/l	97
10) Methyl Iodide	2.720	142	205245	47.139	ug/l	96
11) Tert butyl alcohol	3.170	59	245272	233.593	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	136192	48.523	ug/l	97
13) Acrolein	2.485	56	39652	111.606	ug/l	100
14) Allyl chloride	2.922	41	269249	49.528	ug/l	98
15) Acrylonitrile	3.308	53	621443	272.892	ug/l	99
16) Acetone	2.620	43	498094	235.993	ug/l	99
17) Carbon Disulfide	2.790	76	348162	42.492	ug/l	99
18) Methyl Acetate	2.945	43	298212	56.274	ug/l	100
19) Methyl tert-butyl Ether	3.363	73	565322	53.083	ug/l	99
20) Methylene Chloride	3.044	84	176807	49.261	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	153409	47.782	ug/l	94
22) Diisopropyl ether	3.990	45	557342	55.579	ug/l	99
23) Vinyl Acetate	3.954	43	2405919	276.916	ug/l	100
24) 1,1-Dichloroethane	3.871	63	315179	50.044	ug/l	99
25) 2-Butanone	4.697	43	836764	275.967	ug/l	99
26) 2,2-Dichloropropane	4.665	77	240257	42.522	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	189438	50.976	ug/l	96
28) Bromochloromethane	4.973	49	130669	52.896	ug/l	97
29) Tetrahydrofuran	5.047	42	537128	281.232	ug/l	99
30) Chloroform	5.089	83	322868	51.235	ug/l	98
31) Cyclohexane	5.388	56	261327	50.069	ug/l	98
32) 1,1,1-Trichloroethane	5.317	97	272479	47.660	ug/l	100
36) 1,1-Dichloropropene	5.526	75	226621	46.431	ug/l	99
37) Ethyl Acetate	4.800	43	304041	49.276	ug/l	99
38) Carbon Tetrachloride	5.523	117	232035	41.438	ug/l	99
39) Methylcyclohexane	6.761	83	254518	49.734	ug/l	98
40) Benzene	5.774	78	681523	47.297	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	164551	52.774	ug/l	99
42) 1,2-Dichloroethane	5.793	62	253717	44.980	ug/l	98
43) Isopropyl Acetate	5.909	43	455197	50.829	ug/l	98
44) Trichloroethene	6.543	130	176864	47.642	ug/l	97
45) 1,2-Dichloropropane	6.790	63	193271	53.278	ug/l	98
46) Dibromomethane	6.919	93	128757	47.508	ug/l	97
47) Bromodichloromethane	7.105	83	255493	46.616	ug/l	97
48) Methyl methacrylate	6.957	41	216815	53.930	ug/l	98
49) 1,4-Dioxane	6.960	88	80555	896.335	ug/l	98
51) 4-Methyl-2-Pentanone	7.790	43	1595064	274.302	ug/l	99
52) Toluene	7.970	92	433754	50.325	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	286735	48.498	ug/l	96
54) cis-1,3-Dichloropropene	7.607	75	306535	50.034	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	183846	48.331	ug/l	100
56) Ethyl methacrylate	8.333	69	309570	51.423	ug/l	98
57) 1,3-Dichloropropane	8.575	76	314986	49.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	309918	230.644	ug/l	99
59) 2-Hexanone	8.681	43	1254557	262.793	ug/l	98
60) Dibromochloromethane	8.809	129	200523	47.027	ug/l	99
61) 1,2-Dibromoethane	8.922	107	196740	46.964	ug/l	100
64) Tetrachloroethene	8.552	164	141092	47.793	ug/l	96
65) Chlorobenzene	9.446	112	459515	51.157	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.533	131	174750	51.253	ug/l	99
67) Ethyl Benzene	9.571	91	840171	55.457	ug/l	98
68) m/p-Xylenes	9.694	106	654287	110.423	ug/l	99
69) o-Xylene	10.099	106	318878	54.777	ug/l	98
70) Styrene	10.115	104	547172	57.145	ug/l	99
71) Bromoform	10.292	173	160552	50.930	ug/l #	100
73) Isopropylbenzene	10.484	105	841595	54.732	ug/l	99
74) N-amyl acetate	10.317	43	396729	50.915	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.780	83	331353	52.805	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	386227	50.294	ug/l	100
77) Bromobenzene	10.780	156	212402	51.434	ug/l	99
78) n-propylbenzene	10.906	91	1010090	55.128	ug/l	99
79) 2-Chlorotoluene	10.986	91	604610	53.062	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	737343	55.141	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	99327	46.962	ug/l	99
82) 4-Chlorotoluene	11.095	91	702945	53.470	ug/l	99
83) tert-Butylbenzene	11.420	119	726305	56.592	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	750077	51.999	ug/l	99
85) sec-Butylbenzene	11.642	105	896980	55.866	ug/l	99
86) p-Isopropyltoluene	11.793	119	768507	55.737	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	413741	51.101	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	410743	49.103	ug/l	99
89) n-Butylbenzene	12.208	91	695238	50.359	ug/l	100
90) Hexachloroethane	12.475	117	126505	44.957	ug/l	100
91) 1,2-Dichlorobenzene	12.211	146	411077	50.258	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.996	75	88631	49.056	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	271440	50.572	ug/l	99
94) Hexachlorobutadiene	14.021	225	111875	43.486	ug/l	100
95) Naphthalene	14.086	128	991860	52.758	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	272658	51.289	ug/l	100

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

