

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060822\
 Data File : VU048959.D
 Acq On : 08 Jun 2022 13:28
 Operator : SY/MD
 Sample : VU0608WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0608WBS01

Quant Time: Jun 08 16:20:53 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	181647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	292342	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	270602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	148029	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	135667	49.732	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.460%
35) Dibromofluoromethane	5.289	113	107455	51.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.040%
50) Toluene-d8	7.899	98	358868	48.001	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.000%
62) 4-Bromofluorobenzene	10.632	95	139862	49.466	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	34298	16.494	ug/l	98
3) Chloromethane	1.520	50	47643	17.798	ug/l	96
4) Vinyl Chloride	1.604	62	43455	17.527	ug/l	99
5) Bromomethane	1.829	94	24585	14.707	ug/l	95
6) Chloroethane	1.916	64	24684	16.471	ug/l	93
7) Trichlorofluoromethane	2.128	101	62941	17.775	ug/l	97
8) Diethyl Ether	2.372	74	23883	18.277	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.575	101	35394	18.260	ug/l	98
10) Methyl Iodide	2.716	142	51185	19.714	ug/l	99
11) Tert butyl alcohol	3.186	59	82102	118.709	ug/l #	42
12) 1,1-Dichloroethene	2.575	96	31408	16.988	ug/l	92
13) Acrolein	2.482	56	14011	57.866	ug/l	96
14) Allyl chloride	2.919	41	67878	18.956	ug/l	99
15) Acrylonitrile	3.308	53	156874	104.582	ug/l	99
16) Acetone	2.623	43	154969	111.468	ug/l	96
17) Carbon Disulfide	2.787	76	74703	13.841	ug/l	100
18) Methyl Acetate	2.945	43	77184	22.112	ug/l	97
19) Methyl tert-butyl Ether	3.363	73	140126	19.975	ug/l	98
20) Methylene Chloride	3.041	84	44989	19.030	ug/l	99
21) trans-1,2-Dichloroethene	3.350	96	34934	16.519	ug/l	89
22) Diisopropyl ether	3.990	45	144104	21.816	ug/l	95
23) Vinyl Acetate	3.954	43	600865	104.994	ug/l	99
24) 1,1-Dichloroethane	3.867	63	81519	19.651	ug/l	100
25) 2-Butanone	4.700	43	226086	113.200	ug/l	98
26) 2,2-Dichloropropane	4.665	77	73354	19.710	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	45341	18.523	ug/l	95
28) Bromochloromethane	4.973	49	37363	22.962	ug/l	100
29) Tetrahydrofuran	5.047	42	134414	106.844	ug/l	97
30) Chloroform	5.086	83	85524	20.604	ug/l	99
31) Cyclohexane	5.388	56	62059	18.051	ug/l	92
32) 1,1,1-Trichloroethane	5.314	97	74475	19.776	ug/l	99
36) 1,1-Dichloropropene	5.526	75	54334	17.850	ug/l	98
37) Ethyl Acetate	4.803	43	78158	20.311	ug/l	99
38) Carbon Tetrachloride	5.523	117	62998	18.040	ug/l	94
39) Methylcyclohexane	6.764	83	57177	17.914	ug/l	97
40) Benzene	5.774	78	169322	18.842	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	41688	21.438	ug/l	99
42) 1,2-Dichloroethane	5.793	62	71205	20.241	ug/l	100
43) Isopropyl Acetate	5.909	43	113479	20.318	ug/l	100
44) Trichloroethene	6.542	130	41094	17.749	ug/l	99
45) 1,2-Dichloropropane	6.790	63	49405	21.837	ug/l	98
46) Dibromomethane	6.919	93	33351	19.731	ug/l	98
47) Bromodichloromethane	7.105	83	68487	20.036	ug/l	99
48) Methyl methacrylate	6.960	41	52490	20.935	ug/l	99
49) 1,4-Dioxane	6.967	88	29714	530.139	ug/l	97
51) 4-Methyl-2-Pentanone	7.790	43	410834	113.284	ug/l	99
52) Toluene	7.970	92	104379	19.418	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	70269	19.057	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	72628	19.008	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	49278	20.772	ug/l	99
56) Ethyl methacrylate	8.333	69	71217	20.618	ug/l	98
57) 1,3-Dichloropropane	8.575	76	81889	20.509	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.462	63	61597	93.777	ug/l	99
59) 2-Hexanone	8.684	43	336713	113.093	ug/l	98
60) Dibromochloromethane	8.809	129	52595	19.778	ug/l	98
61) 1,2-Dibromoethane	8.925	107	48867	18.704	ug/l	99
64) Tetrachloroethene	8.555	164	33978	17.359	ug/l	98
65) Chlorobenzene	9.449	112	114175	19.949	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.533	131	47822	22.013	ug/l	98
67) Ethyl Benzene	9.571	91	192620	19.955	ug/l	99
68) m/p-Xylenes	9.693	106	148760	39.403	ug/l	99
69) o-Xylene	10.102	106	78393	21.135	ug/l	96
70) Styrene	10.115	104	125938	20.643	ug/l	100
71) Bromoform	10.291	173	42963	21.390	ug/l #	100
73) Isopropylbenzene	10.484	105	201112	21.044	ug/l	100
74) N-amyl acetate	10.320	43	94370	21.010	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	94497	24.230	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	106278	22.267	ug/l	94
77) Bromobenzene	10.783	156	53556	20.867	ug/l	97
78) n-propylbenzene	10.906	91	232202	20.391	ug/l	100
79) 2-Chlorotoluene	10.986	91	151611	21.409	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	179026	21.541	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.546	75	25972	19.758	ug/l	96
82) 4-Chlorotoluene	11.099	91	169418	20.735	ug/l	98
83) tert-Butylbenzene	11.420	119	179838	22.546	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	175059	20.268	ug/l	99
85) sec-Butylbenzene	11.645	105	219093	21.956	ug/l	99
86) p-Isopropyltoluene	11.793	119	179843	20.987	ug/l	98
87) 1,3-Dichlorobenzene	11.745	146	99695	19.812	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	99826	19.202	ug/l	99
89) n-Butylbenzene	12.208	91	143604	18.196	ug/l	98
90) Hexachloroethane	12.478	117	36188	20.692	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	104728	20.602	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	21572	19.211	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	54105	16.219	ug/l	99
94) Hexachlorobutadiene	14.021	225	33733	21.097	ug/l	98
95) Naphthalene	14.089	128	170006	16.384	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	57155	17.299	ug/l	100

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

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