

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048711.D
 Acq On : 27 May 2022 22:53
 Operator : SY/MD
 Sample : VU0527WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0527WBS02

Quant Time: May 28 00:27:54 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	5.375	168	266418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	446923	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	420094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	223687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	195620	48.892	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.780%		
35) Dibromofluoromethane	5.289	113	154305	48.395	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.800%		
50) Toluene-d8	7.899	98	561013	49.085	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.160%		
62) 4-Bromofluorobenzene	10.632	95	212105	49.070	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	57563	18.874	ug/l	100
3) Chloromethane	1.523	50	71470	18.203	ug/l	97
4) Vinyl Chloride	1.604	62	73707	20.269	ug/l	98
5) Bromomethane	1.851	94	47600	20.965	ug/l	94
6) Chloroethane	1.932	64	43668	20.404	ug/l	99
7) Trichlorofluoromethane	2.138	101	96247	18.532	ug/l	99
8) Diethyl Ether	2.375	74	38453	20.064	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.581	101	54634	19.218	ug/l	96
10) Methyl Iodide	2.723	142	53473	14.907	ug/l	97
11) Tert butyl alcohol	3.170	59	106752	105.238	ug/l #	42
12) 1,1-Dichloroethene	2.581	96	51797	19.102	ug/l	94
13) Acrolein	2.485	56	22094	62.540	ug/l	98
14) Allyl chloride	2.925	41	102439	19.505	ug/l	99
15) Acrylonitrile	3.311	53	237173	107.805	ug/l	99
16) Acetone	2.623	43	203675	99.887	ug/l	99
17) Carbon Disulfide	2.793	76	144724	18.283	ug/l	99
18) Methyl Acetate	2.948	43	116742	22.803	ug/l	100
19) Methyl tert-butyl Ether	3.363	73	211288	20.536	ug/l	99
20) Methylene Chloride	3.044	84	72448	20.894	ug/l	95
21) trans-1,2-Dichloroethene	3.353	96	59085	19.049	ug/l	96
22) Diisopropyl ether	3.990	45	210562	21.735	ug/l	89
23) Vinyl Acetate	3.954	43	896710	106.832	ug/l	100
24) 1,1-Dichloroethane	3.871	63	121856	20.028	ug/l	99
25) 2-Butanone	4.700	43	326208	111.361	ug/l	97
26) 2,2-Dichloropropane	4.665	77	78718	14.421	ug/l	97
27) cis-1,2-Dichloroethene	4.671	96	71305	19.861	ug/l	96
28) Bromochloromethane	4.977	49	49687	20.820	ug/l	100
29) Tetrahydrofuran	5.047	42	207079	112.229	ug/l	100
30) Chloroform	5.089	83	123858	20.345	ug/l	99
31) Cyclohexane	5.388	56	103308	20.488	ug/l	93
32) 1,1,1-Trichloroethane	5.317	97	105445	19.091	ug/l	99
36) 1,1-Dichloropropene	5.526	75	85284	18.327	ug/l	97
37) Ethyl Acetate	4.803	43	119327	20.284	ug/l	98
38) Carbon Tetrachloride	5.526	117	93544	17.522	ug/l	96
39) Methylcyclohexane	6.764	83	90391	18.525	ug/l	94
40) Benzene	5.774	78	257899	18.772	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	61994	20.854	ug/l	99
42) 1,2-Dichloroethane	5.797	62	97468	18.124	ug/l	99
43) Isopropyl Acetate	5.909	43	171370	20.070	ug/l	99
44) Trichloroethene	6.543	130	64154	18.125	ug/l	98
45) 1,2-Dichloropropane	6.790	63	72162	20.864	ug/l	98
46) Dibromomethane	6.919	93	50158	19.411	ug/l	98
47) Bromodichloromethane	7.105	83	97916	18.738	ug/l	100
48) Methyl methacrylate	6.960	41	81067	21.149	ug/l	99
49) 1,4-Dioxane	6.960	88	37321	435.553	ug/l	99
51) 4-Methyl-2-Pentanone	7.790	43	599936	108.209	ug/l	100
52) Toluene	7.970	92	164510	20.019	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	103251	18.317	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	108462	18.568	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	69990	19.298	ug/l	99
56) Ethyl methacrylate	8.333	69	105970	20.137	ug/l	100
57) 1,3-Dichloropropane	8.575	76	120148	19.683	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.465	63	82473	85.827	ug/l	96
59) 2-Hexanone	8.684	43	471617	103.615	ug/l	99
60) Dibromochloromethane	8.809	129	75527	18.578	ug/l	99
61) 1,2-Dibromoethane	8.925	107	75201	18.828	ug/l	98
64) Tetrachloroethene	8.555	164	55930	18.474	ug/l	98
65) Chlorobenzene	9.446	112	178637	20.105	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.536	131	65751	19.496	ug/l	99
67) Ethyl Benzene	9.571	91	304638	20.329	ug/l	100
68) m/p-Xylenes	9.694	106	239419	40.850	ug/l	100
69) o-Xylene	10.099	106	115633	20.082	ug/l	99
70) Styrene	10.115	104	195100	20.599	ug/l	99
71) Bromoform	10.292	173	62430	20.021	ug/l #	96
73) Isopropylbenzene	10.484	105	303620	21.025	ug/l	98
74) N-amyl acetate	10.317	43	139395	20.592	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.780	83	123256	20.915	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	142160	19.711	ug/l	98
77) Bromobenzene	10.783	156	77818	20.065	ug/l	98
78) n-propylbenzene	10.906	91	361281	20.995	ug/l	100
79) 2-Chlorotoluene	10.986	91	224373	20.967	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	268298	21.364	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	33649	16.940	ug/l	99
82) 4-Chlorotoluene	11.095	91	257394	20.847	ug/l	98
83) tert-Butylbenzene	11.420	119	255022	21.158	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	272090	20.813	ug/l	99
85) sec-Butylbenzene	11.642	105	322862	21.411	ug/l	99
86) p-Isopropyltoluene	11.793	119	273985	21.159	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	152961	20.116	ug/l	99
88) 1,4-Dichlorobenzene	11.835	146	153072	19.485	ug/l	99
89) n-Butylbenzene	12.208	91	232573	19.345	ug/l	100
90) Hexachloroethane	12.475	117	47319	17.905	ug/l	98
91) 1,2-Dichlorobenzene	12.211	146	149786	19.499	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	33097	19.505	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	94971	18.840	ug/l	98
94) Hexachlorobutadiene	14.021	225	40491	16.759	ug/l	99
95) Naphthalene	14.086	128	315278	19.532	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	95860	19.200	ug/l	100

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

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