

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052722\
 Data File : VU048684.D
 Acq On : 27 May 2022 11:33
 Operator : SY/MD
 Sample : VU0527WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0527WBS01

Quant Time: May 28 00:15:53 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	257259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	404385	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	390455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	219686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	192236	49.756	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.520%
35) Dibromofluoromethane	5.289	113	147394	51.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.180%
50) Toluene-d8	7.896	98	547443	52.936	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.880%
62) 4-Bromofluorobenzene	10.633	95	209727	53.624	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	55486	18.840	ug/l	100
3) Chloromethane	1.524	50	70727	18.655	ug/l	97
4) Vinyl Chloride	1.604	62	68628	19.544	ug/l	96
5) Bromomethane	1.852	94	48775	22.544	ug/l	99
6) Chloroethane	1.932	64	39082	18.721	ug/l	99
7) Trichlorofluoromethane	2.138	101	90534	18.053	ug/l	99
8) Diethyl Ether	2.376	74	34512	18.649	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.582	101	50540	18.411	ug/l	99
10) Methyl Iodide	2.723	142	59433	16.704	ug/l	99
11) Tert butyl alcohol	3.170	59	97563	99.603	ug/l #	42
12) 1,1-Dichloroethene	2.582	96	48755	18.620	ug/l	92
13) Acrolein	2.485	56	28245	84.197	ug/l	99
14) Allyl chloride	2.926	41	96929	19.113	ug/l	99
15) Acrylonitrile	3.311	53	216545	101.933	ug/l	100
16) Acetone	2.623	43	242593	123.209	ug/l	98
17) Carbon Disulfide	2.794	76	137137	17.941	ug/l	99
18) Methyl Acetate	2.945	43	104252	21.088	ug/l	99
19) Methyl tert-butyl Ether	3.363	73	189619	19.086	ug/l	99
20) Methylene Chloride	3.045	84	71854	21.460	ug/l	94
21) trans-1,2-Dichloroethene	3.353	96	54110	18.066	ug/l	91
22) Diisopropyl ether	3.990	45	187590	20.053	ug/l	88
23) Vinyl Acetate	3.954	43	817670	100.884	ug/l	99
24) 1,1-Dichloroethane	3.874	63	114352	19.463	ug/l	99
25) 2-Butanone	4.697	43	315634	111.587	ug/l	99
26) 2,2-Dichloropropane	4.665	77	96711	18.348	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	65834	18.990	ug/l	98
28) Bromochloromethane	4.974	49	47695	20.696	ug/l	98
29) Tetrahydrofuran	5.048	42	186657	104.763	ug/l	99
30) Chloroform	5.089	83	113616	19.327	ug/l	96
31) Cyclohexane	5.388	56	95150	19.542	ug/l #	92
32) 1,1,1-Trichloroethane	5.318	97	99847	18.721	ug/l	99
36) 1,1-Dichloropropene	5.527	75	79003	18.763	ug/l	99
37) Ethyl Acetate	4.803	43	104916	19.710	ug/l	99
38) Carbon Tetrachloride	5.527	117	87911	18.199	ug/l	99
39) Methylcyclohexane	6.765	83	85613	19.392	ug/l	98
40) Benzene	5.774	78	236992	19.065	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	55566	20.658	ug/l	99
42) 1,2-Dichloroethane	5.794	62	92964	19.105	ug/l	99
43) Isopropyl Acetate	5.909	43	154560	20.006	ug/l	99
44) Trichloroethene	6.543	130	61823	19.304	ug/l	97
45) 1,2-Dichloropropane	6.790	63	65960	21.077	ug/l	99
46) Dibromomethane	6.919	93	44877	19.194	ug/l	97
47) Bromodichloromethane	7.105	83	92726	19.611	ug/l	98
48) Methyl methacrylate	6.961	41	70845	20.427	ug/l	99
49) 1,4-Dioxane	6.961	88	33344	430.073	ug/l	96
51) 4-Methyl-2-Pentanone	7.790	43	540222	107.689	ug/l	99
52) Toluene	7.970	92	151074	20.318	ug/l	98
53) t-1,3-Dichloropropene	8.208	75	100271	19.659	ug/l	100
54) cis-1,3-Dichloropropene	7.607	75	102970	19.483	ug/l	100
55) 1,1,2-Trichloroethane	8.401	97	66730	20.335	ug/l	97
56) Ethyl methacrylate	8.334	69	91308	19.301	ug/l	96
57) 1,3-Dichloropropane	8.575	76	109107	19.755	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	85221	93.790	ug/l	95
59) 2-Hexanone	8.681	43	435809	105.820	ug/l	99
60) Dibromochloromethane	8.810	129	72234	19.637	ug/l	99
61) 1,2-Dibromoethane	8.922	107	68430	18.935	ug/l	100
64) Tetrachloroethene	8.552	164	56482	20.170	ug/l	97
65) Chlorobenzene	9.446	112	164737	19.948	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	61072	19.483	ug/l	98
67) Ethyl Benzene	9.568	91	279750	20.085	ug/l	100
68) m/p-Xylenes	9.694	106	223545	41.036	ug/l	98
69) o-Xylene	10.099	106	106134	19.831	ug/l	97
70) Styrene	10.115	104	181974	20.672	ug/l	98
71) Bromoform	10.289	173	56154	19.375	ug/l #	99
73) Isopropylbenzene	10.485	105	283645	19.999	ug/l	100
74) N-amyl acetate	10.321	43	122097	18.632	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.784	83	112973	19.519	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	134283	18.958	ug/l	100
77) Bromobenzene	10.781	156	74161	19.470	ug/l	99
78) n-propylbenzene	10.906	91	341608	20.213	ug/l	100
79) 2-Chlorotoluene	10.986	91	203947	19.406	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	250943	20.346	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	35579	18.238	ug/l	98
82) 4-Chlorotoluene	11.096	91	247016	20.371	ug/l	99
83) tert-Butylbenzene	11.420	119	232558	19.646	ug/l	99
84) 1,2,4-Trimethylbenzene	11.469	105	249214	19.490	ug/l	99
85) sec-Butylbenzene	11.642	105	297585	20.095	ug/l	99
86) p-Isopropyltoluene	11.793	119	258289	20.310	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	143705	19.243	ug/l	100
88) 1,4-Dichlorobenzene	11.835	146	145180	18.817	ug/l	99
89) n-Butylbenzene	12.208	91	220199	18.727	ug/l	100
90) Hexachloroethane	12.475	117	46229	17.811	ug/l	98
91) 1,2-Dichlorobenzene	12.211	146	141805	18.796	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.996	75	28511	17.109	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	85618	17.294	ug/l	100
94) Hexachlorobutadiene	14.022	225	42240	17.801	ug/l	98
95) Naphthalene	14.086	128	243680	15.911	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	87417	17.828	ug/l	98

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

