

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070522\
 Data File : VU049627.D
 Acq On : 05 Jul 2022 18:45
 Operator : SY/MD
 Sample : VU0705WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0705WBSD01

Quant Time: Jul 06 07:49:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.372	168	219775	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	392007	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	352823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	167030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	173101	51.143	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.280%	
35) Dibromofluoromethane	5.288	113	140443	51.208	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.420%	
50) Toluene-d8	7.896	98	487799	49.867	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	10.632	95	184604	49.265	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	59487	16.844	ug/l	100
3) Chloromethane	1.520	50	72581	16.268	ug/l	98
4) Vinyl Chloride	1.600	62	64253	18.071	ug/l	99
5) Bromomethane	1.842	94	36642	33.142	ug/l	99
6) Chloroethane	1.925	64	37836	24.099	ug/l	96
7) Trichlorofluoromethane	2.134	101	80169	17.692	ug/l	99
8) Diethyl Ether	2.375	74	35493	21.684	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.578	101	47786	19.600	ug/l	95
10) Methyl Iodide	2.719	142	69826	32.277	ug/l	95
11) Tert butyl alcohol	3.182	59	100441	126.785	ug/l	# 53
12) 1,1-Dichloroethene	2.575	96	48621	20.369	ug/l	91
13) Acrolein	2.485	56	15480	28.854	ug/l	96
14) Allyl chloride	2.919	41	97320	20.173	ug/l	# 88
15) Acrylonitrile	3.311	53	209987	110.210	ug/l	98
16) Acetone	2.626	43	167571	98.174	ug/l	99
17) Carbon Disulfide	2.787	76	127938	17.186	ug/l	100
18) Methyl Acetate	2.948	43	101180	21.898	ug/l	92
19) Methyl tert-butyl Ether	3.362	73	199376	22.457	ug/l	98
20) Methylene Chloride	3.041	84	66848	23.128	ug/l	93
21) trans-1,2-Dichloroethene	3.350	96	53086	20.630	ug/l	95
22) Diisopropyl ether	3.993	45	201173	21.841	ug/l	# 73
23) Vinyl Acetate	3.954	43	867203	107.417	ug/l	95
24) 1,1-Dichloroethane	3.867	63	109546	20.705	ug/l	98
25) 2-Butanone	4.700	43	281832	110.177	ug/l	94
26) 2,2-Dichloropropane	4.661	77	80211	18.215	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	65892	22.163	ug/l	94
28) Bromochloromethane	4.973	49	51321	22.191	ug/l	# 79
29) Tetrahydrofuran	5.050	42	189074	107.746	ug/l	88
30) Chloroform	5.086	83	107548	20.549	ug/l	100
31) Cyclohexane	5.385	56	94082	18.512	ug/l	95
32) 1,1,1-Trichloroethane	5.317	97	91407	20.129	ug/l	98
36) 1,1-Dichloropropene	5.526	75	73941	18.594	ug/l	96
37) Ethyl Acetate	4.803	43	105969	19.501	ug/l	# 93
38) Carbon Tetrachloride	5.526	117	76241	18.281	ug/l	99
39) Methylcyclohexane	6.761	83	85432	17.923	ug/l	93
40) Benzene	5.774	78	240495	20.031	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	55794	20.491	ug/l	90
42) 1,2-Dichloroethane	5.793	62	86007	19.247	ug/l	99
43) Isopropyl Acetate	5.909	43	160593	20.169	ug/l	97
44) Trichloroethene	6.542	130	55595	19.479	ug/l	90
45) 1,2-Dichloropropane	6.790	63	66742	20.062	ug/l	98
46) Dibromomethane	6.915	93	44642	20.127	ug/l	92
47) Bromodichloromethane	7.105	83	84927	19.893	ug/l	99
48) Methyl methacrylate	6.957	41	77077	20.656	ug/l	89
49) 1,4-Dioxane	6.964	88	41821	437.463	ug/l #	1
51) 4-Methyl-2-Pentanone	7.790	43	533473	100.110	ug/l	98
52) Toluene	7.970	92	143155	20.061	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	92102	20.113	ug/l	99
54) cis-1,3-Dichloropropene	7.607	75	99483	20.346	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	61853	20.964	ug/l	97
56) Ethyl methacrylate	8.333	69	106794	21.641	ug/l	94
57) 1,3-Dichloropropane	8.574	76	107695	20.577	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	61497	164.273	ug/l	95
59) 2-Hexanone	8.684	43	417052	99.522	ug/l	95
60) Dibromochloromethane	8.809	129	63304	20.633	ug/l	99
61) 1,2-Dibromoethane	8.922	107	66049	20.542	ug/l	99
64) Tetrachloroethene	8.552	164	43476	19.212	ug/l	94
65) Chlorobenzene	9.446	112	147065	20.389	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.533	131	57247	21.039	ug/l	100
67) Ethyl Benzene	9.571	91	267208	20.179	ug/l	96
68) m/p-Xylenes	9.693	106	199732	40.765	ug/l	92
69) o-Xylene	10.098	106	101355	20.837	ug/l	88
70) Styrene	10.115	104	163211	20.883	ug/l	96
71) Bromoform	10.291	173	48658	20.850	ug/l #	99
73) Isopropylbenzene	10.484	105	256594	21.565	ug/l	97
74) N-amyl acetate	10.320	43	133678	21.227	ug/l	94
75) 1,1,2,2-Tetrachloroethane	10.783	83	108346	21.496	ug/l	99
76) 1,2,3-Trichloropropane	10.822	75	120358	21.257	ug/l	99
77) Bromobenzene	10.780	156	63568	21.887	ug/l	86
78) n-propylbenzene	10.906	91	292422	20.225	ug/l	97
79) 2-Chlorotoluene	10.986	91	182881	20.531	ug/l	94
80) 1,3,5-Trimethylbenzene	11.086	105	218911	21.074	ug/l	94
81) trans-1,4-Dichloro-2-b...	10.545	75	30239	19.722	ug/l	95
82) 4-Chlorotoluene	11.095	91	205550	20.517	ug/l	94
83) tert-Butylbenzene	11.420	119	219374	21.471	ug/l	95
84) 1,2,4-Trimethylbenzene	11.468	105	220397	21.597	ug/l	94
85) sec-Butylbenzene	11.642	105	261021	20.320	ug/l	96
86) p-Isopropyltoluene	11.793	119	216011	20.794	ug/l	96
87) 1,3-Dichlorobenzene	11.745	146	110921	19.977	ug/l	96
88) 1,4-Dichlorobenzene	11.835	146	109577	19.634	ug/l	94
89) n-Butylbenzene	12.208	91	180023	18.721	ug/l	98
90) Hexachloroethane	12.475	117	38622	18.666	ug/l	89
91) 1,2-Dichlorobenzene	12.211	146	116122	20.814	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.995	75	26470	20.481	ug/l	87
93) 1,2,4-Trichlorobenzene	13.841	180	71750	20.245	ug/l	97
94) Hexachlorobutadiene	14.021	225	30129	17.409	ug/l	100
95) Naphthalene	14.085	128	289504	23.106	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	77954	20.952	ug/l	97

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

