

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060122\
 Data File : VU048787.D
 Acq On : 01 Jun 2022 18:06
 Operator : SY/MD
 Sample : VU0601WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0601WBSD01

Quant Time: Jun 02 05:06:35 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	284680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	473818	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	442047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	233671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	214442	50.158	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.320%	
35) Dibromofluoromethane	5.292	113	171722	50.800	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.600%	
50) Toluene-d8	7.899	98	619420	51.119	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	10.632	95	244320	53.314	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.620%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	56945	17.473	ug/l	99
3) Chloromethane	1.523	50	67907	16.186	ug/l	98
4) Vinyl Chloride	1.604	62	73139	18.823	ug/l	99
5) Bromomethane	1.851	94	36669	13.762	ug/l	98
6) Chloroethane	1.932	64	43943	19.064	ug/l	99
7) Trichlorofluoromethane	2.138	101	98629	17.773	ug/l	98
8) Diethyl Ether	2.375	74	40129	19.595	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.581	101	58666	19.313	ug/l	96
10) Methyl Iodide	2.719	142	48229	13.051	ug/l	96
11) Tert butyl alcohol	3.173	59	101114	93.285	ug/l #	42
12) 1,1-Dichloroethene	2.578	96	58287	20.117	ug/l	95
13) Acrolein	2.485	56	16256	41.716	ug/l	91
14) Allyl chloride	2.922	41	114482	20.400	ug/l	96
15) Acrylonitrile	3.311	53	254399	108.217	ug/l	97
16) Acetone	2.623	43	208798	95.830	ug/l	99
17) Carbon Disulfide	2.793	76	143045	16.912	ug/l	100
18) Methyl Acetate	2.948	43	117027	21.392	ug/l	98
19) Methyl tert-butyl Ether	3.363	73	229498	20.875	ug/l	97
20) Methylene Chloride	3.044	84	73346	19.796	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	62729	18.926	ug/l	96
22) Diisopropyl ether	3.993	45	231792	22.391	ug/l	99
23) Vinyl Acetate	3.954	43	974956	108.703	ug/l	99
24) 1,1-Dichloroethane	3.867	63	132350	20.357	ug/l	99
25) 2-Butanone	4.697	43	343870	109.860	ug/l	98
26) 2,2-Dichloropropane	4.665	77	104473	17.911	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	78371	20.429	ug/l	95
28) Bromochloromethane	4.973	49	56813	22.278	ug/l	100
29) Tetrahydrofuran	5.047	42	220975	112.078	ug/l	99
30) Chloroform	5.089	83	131140	20.159	ug/l	100
31) Cyclohexane	5.388	56	108293	20.099	ug/l	95
32) 1,1,1-Trichloroethane	5.317	97	109868	18.616	ug/l	99
36) 1,1-Dichloropropene	5.526	75	92498	18.749	ug/l	99
37) Ethyl Acetate	4.803	43	124864	20.020	ug/l	99
38) Carbon Tetrachloride	5.526	117	96204	16.997	ug/l	98
39) Methylcyclohexane	6.764	83	104306	20.164	ug/l	99
40) Benzene	5.774	78	282457	19.393	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	67464	21.406	ug/l	100
42) 1,2-Dichloroethane	5.793	62	102449	17.969	ug/l	98
43) Isopropyl Acetate	5.909	43	184650	20.398	ug/l	99
44) Trichloroethene	6.542	130	71128	18.955	ug/l	99
45) 1,2-Dichloropropane	6.793	63	78939	21.528	ug/l	99
46) Dibromomethane	6.919	93	53153	19.402	ug/l	98
47) Bromodichloromethane	7.105	83	104917	18.938	ug/l	100
48) Methyl methacrylate	6.957	41	86958	21.398	ug/l	97
49) 1,4-Dioxane	6.964	88	31872	350.847	ug/l	92
51) 4-Methyl-2-Pentanone	7.790	43	651480	110.836	ug/l	100
52) Toluene	7.967	92	177541	20.379	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	114418	19.146	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	121664	19.646	ug/l	99
55) 1,1,2-Trichloroethane	8.398	97	74949	19.493	ug/l	99
56) Ethyl methacrylate	8.333	69	119533	21.258	ug/l	97
57) 1,3-Dichloropropane	8.575	76	130869	20.223	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.462	63	111593	101.318	ug/l	98
59) 2-Hexanone	8.681	43	503479	104.336	ug/l	99
60) Dibromochloromethane	8.809	129	81520	18.914	ug/l	99
61) 1,2-Dibromoethane	8.922	107	80417	18.991	ug/l	100
64) Tetrachloroethene	8.552	164	55251	17.274	ug/l	95
65) Chlorobenzene	9.446	112	190316	20.356	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.536	131	70563	19.884	ug/l	98
67) Ethyl Benzene	9.571	91	334368	21.205	ug/l	99
68) m/p-Xylenes	9.693	106	257226	41.708	ug/l	97
69) o-Xylene	10.099	106	125200	20.663	ug/l	97
70) Styrene	10.115	104	215949	21.668	ug/l	98
71) Bromoform	10.292	173	61731	18.814	ug/l #	100
73) Isopropylbenzene	10.484	105	331389	21.967	ug/l	100
74) N-amyl acetate	10.317	43	152706	21.475	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	134093	21.782	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	153611	20.389	ug/l	100
77) Bromobenzene	10.780	156	83444	20.596	ug/l	97
78) n-propylbenzene	10.906	91	401520	22.337	ug/l	99
79) 2-Chlorotoluene	10.986	91	242626	21.704	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	289159	22.041	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.546	75	38364	18.489	ug/l	96
82) 4-Chlorotoluene	11.095	91	278417	21.586	ug/l	99
83) tert-Butylbenzene	11.420	119	281837	22.384	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	290910	21.274	ug/l	99
85) sec-Butylbenzene	11.642	105	349954	22.217	ug/l	99
86) p-Isopropyltoluene	11.793	119	298571	22.072	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	162276	20.429	ug/l	98
88) 1,4-Dichlorobenzene	11.835	146	164972	20.102	ug/l	99
89) n-Butylbenzene	12.208	91	262845	20.749	ug/l	100
90) Hexachloroethane	12.475	117	48874	17.704	ug/l	96
91) 1,2-Dichlorobenzene	12.211	146	162568	20.259	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.996	75	34116	19.247	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	102703	19.504	ug/l	99
94) Hexachlorobutadiene	14.021	225	43386	17.189	ug/l	98
95) Naphthalene	14.086	128	348135	20.501	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	103041	19.757	ug/l	98

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

