

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040621\
 Data File : VU042946.D
 Acq On : 06 Apr 2021 11:59
 Operator : SY/MD
 Sample : VU0406WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0406WBS01

Manual Integrations
 APPROVED

SAM
 4/7/2021 5:20:42 PM

Quant Time: Apr 07 01:40:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	128131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	200013	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	191612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	103582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	101420	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
35) Dibromofluoromethane	5.298	113	70170	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
50) Toluene-d8	7.906	98	248587	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
62) 4-Bromofluorobenzene	10.639	95	95821	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	26187	17.39	ug/l	98
3) Chloromethane	1.523	50	26851	16.47	ug/l	99
4) Vinyl Chloride	1.607	62	26651	17.97	ug/l	98
5) Bromomethane	1.861	94	19359	16.76	ug/l	99
6) Chloroethane	1.932	64	20345	16.81	ug/l	97
7) Trichlorofluoromethane	2.141	101	45718	17.67	ug/l	100
8) Diethyl Ether	2.382	74	15103	18.73	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	23967	19.33	ug/l	98
10) Methyl Iodide	2.729	142	26311	15.74	ug/l	99
11) Tert butyl alcohol	3.221	59	52108	119.32	ug/l	97
12) 1,1-Dichloroethene	2.584	96	22124	19.04	ug/l	96
13) Acrolein	2.494	56	13773	89.17	ug/l	96
14) Allyl chloride	2.932	41	49820	19.62	ug/l	100
15) Acrylonitrile	3.324	53	104906	104.74	ug/l	99
16) Acetone	2.639	43	116905	104.16	ug/l	99
17) Carbon Disulfide	2.800	76	55587	16.90	ug/l	97
18) Methyl Acetate	2.957	43	56606	24.19	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	91646	20.78	ug/l	99
20) Methylene Chloride	3.054	84	27473	18.68	ug/l	97
21) trans-1,2-Dichloroethene	3.363	96	24308	18.64	ug/l	93
22) Diisopropyl ether	3.999	45	102219	20.00	ug/l #	86
23) Vinyl Acetate	3.964	43	471335	99.09	ug/l	99
24) 1,1-Dichloroethane	3.877	63	52487	19.70	ug/l	99
25) 2-Butanone	4.713	43	175931	105.83	ug/l	100
26) 2,2-Dichloropropane	4.674	77	46363	19.70	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	30058	20.14	ug/l	99
28) Bromochloromethane	4.983	49	28164	21.17	ug/l	97
29) Tetrahydrofuran	5.063	42	106340	103.40	ug/l	99
30) Chloroform	5.099	83	55261	19.62	ug/l	100
31) Cyclohexane	5.398	56	47406	18.64	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	47977	19.19	ug/l	99
36) 1,1-Dichloropropene	5.533	75	36793	18.60	ug/l	99
37) Ethyl Acetate	4.813	43	60560	19.72	ug/l	100
38) Carbon Tetrachloride	5.533	117	41678	18.46	ug/l	97
39) Methylcyclohexane	6.771	83	41528	18.33	ug/l	98
40) Benzene	5.784	78	109253	18.46	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	32864	20.43	ug/l	98
42) 1,2-Dichloroethane	5.803	62	50085	19.74	ug/l	99
43) Isopropyl Acetate	5.919	43	92993	20.11	ug/l	99
44) Trichloroethene	6.549	130	29158	19.16	ug/l	100
45) 1,2-Dichloropropane	6.800	63	31307	19.89	ug/l	95
46) Dibromomethane	6.925	93	22346	19.92	ug/l	96
47) Bromodichloromethane	7.115	83	43578	19.13	ug/l	97
48) Methyl methacrylate	6.967	41	47199	21.15	ug/l	99
49) 1,4-Dioxane	6.999	88	19275	408.73	ug/l	98
51) 4-Methyl-2-Pentanone	7.800	43	334863	103.51	ug/l	99
52) Toluene	7.977	92	68157	18.84	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	46442	19.27	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	47860	18.97	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	29857	19.18	ug/l	94
56) Ethyl methacrylate	8.340	69	47905	20.14	ug/l	97
57) 1,3-Dichloropropane	8.581	76	50522	18.91	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.472	63	68341	106.87	ug/l	98
59) 2-Hexanone	8.694	43	267913	104.13	ug/l	99
60) Dibromochloromethane	8.816	129	33700	18.62	ug/l	98
61) 1,2-Dibromoethane	8.931	107	33039	18.66	ug/l	99
64) Tetrachloroethene	8.559	164	27945	18.06	ug/l	97
65) Chlorobenzene	9.452	112	73635	18.90	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.542	131	29790	19.22	ug/l	100
67) Ethyl Benzene	9.578	91	135526	19.40	ug/l	100
68) m/p-Xylenes	9.700	106	99992	38.83	ug/l	99
69) o-Xylene	10.105	106	48631	19.51	ug/l	97
70) Styrene	10.121	104	82100	19.50	ug/l	97
71) Bromoform	10.298	173	27830	18.93	ug/l #	99
73) Isopropylbenzene	10.491	105	134562	20.52	ug/l	98
74) N-amyl acetate	10.327	43	81088	21.91	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	53693	20.04	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	55234m	20.97	ug/l	
77) Bromobenzene	10.790	156	36029	19.97	ug/l	98
78) n-propylbenzene	10.912	91	158643	20.56	ug/l	99
79) 2-Chlorotoluene	10.993	91	95535	20.52	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	117247	20.61	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	16526	18.59	ug/l	92
82) 4-Chlorotoluene	11.102	91	114308	20.55	ug/l	98
83) tert-Butylbenzene	11.427	119	114931	20.74	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	120047	20.90	ug/l	98
85) sec-Butylbenzene	11.652	105	136238	21.15	ug/l	99
86) p-Isopropyltoluene	11.800	119	124925	21.19	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	63054	19.45	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	64858	19.48	ug/l	97
89) n-Butylbenzene	12.214	91	112229	20.18	ug/l	99
90) Hexachloroethane	12.481	117	20889	18.77	ug/l	100
91) 1,2-Dichlorobenzene	12.218	146	64327	19.49	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	15170	21.37	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	42653	20.27	ug/l	99
94) Hexachlorobutadiene	14.031	225	23229	18.87	ug/l	98
95) Naphthalene	14.095	128	129151	20.02	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	42463	19.94	ug/l	98

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

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