

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061021\
 Data File : VU044144.D
 Acq On : 10 Jun 2021 10:41
 Operator : SY/MD
 Sample : VU0610WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0610WBS01

Quant Time: Jun 11 01:18:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	143312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	264990	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	256180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	131942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	119922	52.620	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.240%	
35) Dibromofluoromethane	5.298	113	90233	48.951	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.900%	
50) Toluene-d8	7.906	98	343398	48.507	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.020%	
62) 4-Bromofluorobenzene	10.639	95	135098	47.619	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.240%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.389	85	39257	19.419	ug/l	99
3) Chloromethane	1.524	50	49829	20.776	ug/l	100
4) Vinyl Chloride	1.607	62	46191	19.151	ug/l	98
5) Bromomethane	1.842	94	28507	28.643	ug/l	99
6) Chloroethane	1.929	64	28498	20.356	ug/l	95
7) Trichlorofluoromethane	2.138	101	55740	19.212	ug/l	97
8) Diethyl Ether	2.382	74	23383	19.702	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.585	101	32757	18.534	ug/l	99
10) Methyl Iodide	2.729	142	37474	18.381	ug/l	100
11) Tert butyl alcohol	3.192	59	65157	106.277	ug/l	97
12) 1,1-Dichloroethene	2.585	96	34105	19.356	ug/l	98
13) Acrolein	2.491	56	29544	87.120	ug/l	98
14) Allyl chloride	2.929	41	62273	18.940	ug/l	99
15) Acrylonitrile	3.321	53	128297	101.204	ug/l	98
16) Acetone	2.633	43	113032	94.727	ug/l	98
17) Carbon Disulfide	2.797	76	106124	18.758	ug/l	100
18) Methyl Acetate	2.954	43	61166	20.864	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	110927	20.617	ug/l	100
20) Methylene Chloride	3.054	84	44163	20.804	ug/l	98
21) trans-1,2-Dichloroethene	3.360	96	38582	19.824	ug/l	99
22) Diisopropyl ether	4.003	45	119238	21.066	ug/l	97
23) Vinyl Acetate	3.964	43	550023	102.397	ug/l	100
24) 1,1-Dichloroethane	3.877	63	74899	19.911	ug/l	100
25) 2-Butanone	4.710	43	183635	96.537	ug/l	99
26) 2,2-Dichloropropane	4.675	77	41484	13.964	ug/l	99
27) cis-1,2-Dichloroethene	4.675	96	42757	19.693	ug/l	97
28) Bromochloromethane	4.983	49	38099	21.231	ug/l	99
29) Tetrahydrofuran	5.057	42	109231	105.635	ug/l	98
30) Chloroform	5.099	83	73874	20.110	ug/l	100
31) Cyclohexane	5.395	56	62447	19.416	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	60073	19.668	ug/l	99
36) 1,1-Dichloropropene	5.533	75	55178	18.716	ug/l	99
37) Ethyl Acetate	4.810	43	68327	19.354	ug/l	99
38) Carbon Tetrachloride	5.533	117	49928	18.758	ug/l	99
39) Methylcyclohexane	6.771	83	54354	17.283	ug/l	100
40) Benzene	5.781	78	166044	19.006	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	35519	19.652	ug/l	99
42) 1,2-Dichloroethane	5.803	62	58876	19.098	ug/l	99
43) Isopropyl Acetate	5.919	43	97687	19.503	ug/l	99
44) Trichloroethene	6.549	130	38272	19.012	ug/l	99
45) 1,2-Dichloropropane	6.800	63	45834	19.316	ug/l	95
46) Dibromomethane	6.925	93	28902	18.895	ug/l	97
47) Bromodichloromethane	7.112	83	57577	19.131	ug/l	100
48) Methyl methacrylate	6.967	41	45748	18.768	ug/l	99
49) 1,4-Dioxane	6.970	88	25332	397.329	ug/l	99
51) 4-Methyl-2-Pentanone	7.797	43	353011	97.372	ug/l	99
52) Toluene	7.977	92	102094	19.715	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	58634	17.805	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	64260	18.086	ug/l	97
55) 1,1,2-Trichloroethane	8.408	97	40864	18.789	ug/l	99
56) Ethyl methacrylate	8.340	69	63486	19.109	ug/l	99
57) 1,3-Dichloropropane	8.581	76	74460	19.296	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.469	63	99257	95.236	ug/l	98
59) 2-Hexanone	8.691	43	273708	94.601	ug/l	100
60) Dibromochloromethane	8.816	129	40178	18.576	ug/l	97
61) 1,2-Dibromoethane	8.928	107	43322	18.938	ug/l	99
64) Tetrachloroethene	8.559	164	33159	18.829	ug/l	98
65) Chlorobenzene	9.453	112	101217	18.477	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.543	131	34974	18.280	ug/l	97
67) Ethyl Benzene	9.575	91	187072	19.012	ug/l	99
68) m/p-Xylenes	9.700	106	142086	38.662	ug/l	99
69) o-Xylene	10.105	106	67861	19.474	ug/l	99
70) Styrene	10.121	104	116165	19.140	ug/l	99
71) Bromoform	10.298	173	29742	18.267	ug/l #	98
73) Isopropylbenzene	10.491	105	180814	20.465	ug/l	99
74) N-amyl acetate	10.327	43	77603	19.558	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	73938	19.224	ug/l	100
76) 1,2,3-Trichloropropane	10.829	75	83905	18.967	ug/l	96
77) Bromobenzene	10.787	156	43078	19.394	ug/l	99
78) n-propylbenzene	10.912	91	224992	19.567	ug/l	99
79) 2-Chlorotoluene	10.993	91	136077	19.974	ug/l	100
80) 1,3,5-Trimethylbenzene	11.096	105	160966	20.478	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	20590	16.872	ug/l	96
82) 4-Chlorotoluene	11.102	91	162301	20.173	ug/l	100
83) tert-Butylbenzene	11.427	119	146669	19.889	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	160752	20.355	ug/l	99
85) sec-Butylbenzene	11.649	105	191451	19.768	ug/l	100
86) p-Isopropyltoluene	11.800	119	163354	19.689	ug/l	100
87) 1,3-Dichlorobenzene	11.752	146	83306	19.107	ug/l	100
88) 1,4-Dichlorobenzene	11.842	146	84679	18.247	ug/l	99
89) n-Butylbenzene	12.214	91	149862	17.783	ug/l	100
90) Hexachloroethane	12.481	117	25534	19.447	ug/l	97
91) 1,2-Dichlorobenzene	12.218	146	81975	18.699	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	16548	19.021	ug/l	96
93) 1,2,4-Trichlorobenzene	13.848	180	48466	17.565	ug/l	98
94) Hexachlorobutadiene	14.028	225	26218	17.707	ug/l	99
95) Naphthalene	14.092	128	158734	18.981	ug/l	100
96) 1,2,3-Trichlorobenzene	14.337	180	48481	18.123	ug/l	99

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

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