

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
 Data File : VU042362.D
 Acq On : 19 Feb 2021 14:53
 Operator : SY/MD
 Sample : VU0220WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0220WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/22/2021 12:33:57 PM

Quant Time: Feb 19 15:24:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	148920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	234902	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	218732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	114295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	117356	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
35) Dibromofluoromethane	5.298	113	79853	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	7.906	98	296837	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	10.639	95	109657	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	36584	20.37	ug/l	98
3) Chloromethane	1.523	50	36705	20.01	ug/l	97
4) Vinyl Chloride	1.607	62	34956	19.91	ug/l	98
5) Bromomethane	1.861	94	23269	21.51	ug/l	96
6) Chloroethane	1.935	64	22299	22.05	ug/l	97
7) Trichlorofluoromethane	2.141	101	55154	20.47	ug/l	97
8) Diethyl Ether	2.382	74	17528	20.46	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.588	101	27991	19.90	ug/l	98
10) Methyl Iodide	2.729	142	36440	18.14	ug/l	99
11) Tert butyl alcohol	3.228	59	52078	107.94	ug/l #	89
12) 1,1-Dichloroethene	2.588	96	27288	19.88	ug/l	97
13) Acrolein	2.494	56	24680	92.55	ug/l	98
14) Allyl chloride	2.932	41	61116	20.10	ug/l	99
15) Acrylonitrile	3.324	53	115725	99.31	ug/l	98
16) Acetone	2.642	43	127954	91.34	ug/l	99
17) Carbon Disulfide	2.800	76	80177	19.42	ug/l	97
18) Methyl Acetate	2.957	43	51543	20.26	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	104711	20.14	ug/l	100
20) Methylene Chloride	3.054	84	31883	19.74	ug/l	98
21) trans-1,2-Dichloroethene	3.363	96	30468	20.70	ug/l	97
22) Diisopropyl ether	4.002	45	119762	20.74	ug/l	99
23) Vinyl Acetate	3.964	43	556844	101.50	ug/l	100
24) 1,1-Dichloroethane	3.880	63	60675	20.25	ug/l	100
25) 2-Butanone	4.716	43	181390	97.38	ug/l	98
26) 2,2-Dichloropropane	4.678	77	55334	20.35	ug/l	97
27) cis-1,2-Dichloroethene	4.674	96	35200	20.65	ug/l	99
28) Bromochloromethane	4.983	49	30696	19.83	ug/l	94
29) Tetrahydrofuran	5.063	42	114132	98.57	ug/l	99
30) Chloroform	5.096	83	62121	20.39	ug/l	96
31) Cyclohexane	5.395	56	58891	19.91	ug/l	94
32) 1,1,1-Trichloroethane	5.324	97	55341	19.95	ug/l	99
36) 1,1-Dichloropropene	5.533	75	45018	19.38	ug/l	99
37) Ethyl Acetate	4.813	43	66638	18.45	ug/l	99
38) Carbon Tetrachloride	5.533	117	47608	19.18	ug/l	99
39) Methylcyclohexane	6.771	83	50379	18.75	ug/l	97
40) Benzene	5.784	78	128843	19.73	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	35569	19.12	ug/l	99
42) 1,2-Dichloroethane	5.803	62	55729	19.58	ug/l	100
43) Isopropyl Acetate	5.919	43	101732	19.17	ug/l	99
44) Trichloroethene	6.552	130	33991	19.55	ug/l	96
45) 1,2-Dichloropropane	6.800	63	35626	19.67	ug/l	99
46) Dibromomethane	6.928	93	24707	19.55	ug/l	98
47) Bromodichloromethane	7.115	83	48933	19.75	ug/l	100
48) Methyl methacrylate	6.967	41	51412	19.59	ug/l	98
49) 1,4-Dioxane	7.005	88	19880	394.37	ug/l #	96
51) 4-Methyl-2-Pentanone	7.800	43	340832	94.90	ug/l	99
52) Toluene	7.976	92	79510	19.74	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	52548	19.30	ug/l	99
54) cis-1,3-Dichloropropene	7.616	75	55659	19.23	ug/l	96
55) 1,1,2-Trichloroethane	8.407	97	32310	19.32	ug/l	98
56) Ethyl methacrylate	8.343	69	54343	18.96	ug/l	99
57) 1,3-Dichloropropane	8.584	76	57509	19.67	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.472	63	83560	87.33	ug/l	100
59) 2-Hexanone	8.694	43	268606	93.60	ug/l	100
60) Dibromochloromethane	8.819	129	37883	19.42	ug/l	99
61) 1,2-Dibromoethane	8.931	107	37607	19.77	ug/l	98
64) Tetrachloroethene	8.562	164	31491	19.10	ug/l	96
65) Chlorobenzene	9.452	112	85881	19.62	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	33572	20.10	ug/l	100
67) Ethyl Benzene	9.578	91	155289	19.69	ug/l	99
68) m/p-Xylenes	9.700	106	114304	39.19	ug/l	99
69) o-Xylene	10.108	106	55354	19.40	ug/l	99
70) Styrene	10.121	104	91473	19.24	ug/l	98
71) Bromoform	10.298	173	31128	19.34	ug/l #	99
73) Isopropylbenzene	10.491	105	154061	20.21	ug/l	100
74) N-amyl acetate	10.330	43	85078	19.54	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	55678	19.21	ug/l	96
76) 1,2,3-Trichloropropane	10.832	75	58913m	20.85	ug/l	
77) Bromobenzene	10.790	156	40027	19.62	ug/l	99
78) n-propylbenzene	10.912	91	177258	20.09	ug/l	100
79) 2-Chlorotoluene	10.992	91	104599	19.38	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	130718	19.96	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	17946	17.27	ug/l	92
82) 4-Chlorotoluene	11.105	91	123703	19.69	ug/l	100
83) tert-Butylbenzene	11.427	119	128812	20.32	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	129537	19.77	ug/l	97
85) sec-Butylbenzene	11.652	105	152350	20.40	ug/l	99
86) p-Isopropyltoluene	11.800	119	136585	19.81	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	69656	19.77	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	70587	19.57	ug/l	99
89) n-Butylbenzene	12.214	91	120208	19.85	ug/l	99
90) Hexachloroethane	12.484	117	23918	19.57	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	70512	19.65	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	15618	19.66	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	45921	19.38	ug/l	100
94) Hexachlorobutadiene	14.031	225	26454	21.13	ug/l	98
95) Naphthalene	14.095	128	125746	17.91	ug/l	100
96) 1,2,3-Trichlorobenzene	14.340	180	43722	18.90	ug/l	98

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

