

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043070.D
 Acq On : 13 Apr 2021 23:06
 Operator : SY/MD
 Sample : VU0413WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0413WBSD02

Manual Integrations
 APPROVED

MMDadoda
 4/14/2021 9:54:51 AM

Quant Time: Apr 14 03:57:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	120328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	192311	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	179207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	94867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	97731	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
35) Dibromofluoromethane	5.295	113	68523	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	7.906	98	241896	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
62) 4-Bromofluorobenzene	10.639	95	93116	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	22205	17.89	ug/l	99
3) Chloromethane	1.523	50	25102	18.21	ug/l	99
4) Vinyl Chloride	1.607	62	25078	18.53	ug/l	94
5) Bromomethane	1.851	94	13835	18.75	ug/l	98
6) Chloroethane	1.932	64	16541	17.69	ug/l	99
7) Trichlorofluoromethane	2.141	101	41423	18.01	ug/l	99
8) Diethyl Ether	2.382	74	13947	18.93	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.584	101	21794	18.41	ug/l	96
10) Methyl Iodide	2.729	142	22240	14.26	ug/l	97
11) Tert butyl alcohol	3.199	59	50691	97.23	ug/l #	77
12) 1,1-Dichloroethene	2.584	96	20980	18.62	ug/l	97
13) Acrolein	2.491	56	22794	77.64	ug/l	96
14) Allyl chloride	2.929	41	48904	17.89	ug/l	99
15) Acrylonitrile	3.321	53	100783	89.87	ug/l	98
16) Acetone	2.633	43	103961	87.13	ug/l	99
17) Carbon Disulfide	2.797	76	60273	17.40	ug/l	100
18) Methyl Acetate	2.954	43	48182	19.06	ug/l	100
19) Methyl tert-butyl Ether	3.372	73	84958	19.09	ug/l	95
20) Methylene Chloride	3.051	84	25711	17.90	ug/l	96
21) trans-1,2-Dichloroethene	3.359	96	24003	18.24	ug/l	98
22) Diisopropyl ether	3.999	45	97184	18.59	ug/l	92
23) Vinyl Acetate	3.964	43	474334	93.73	ug/l	100
24) 1,1-Dichloroethane	3.877	63	48732	18.43	ug/l	99
25) 2-Butanone	4.710	43	165852	90.26	ug/l	97
26) 2,2-Dichloropropane	4.674	77	39073	16.85	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	27837	18.59	ug/l	99
28) Bromochloromethane	4.983	49	25289	18.75	ug/l	97
29) Tetrahydrofuran	5.057	42	107033	92.50	ug/l	96
30) Chloroform	5.096	83	51381	18.35	ug/l	97
31) Cyclohexane	5.395	56	46475	18.62	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	45884	18.54	ug/l	98
36) 1,1-Dichloropropene	5.533	75	36281	17.78	ug/l	98
37) Ethyl Acetate	4.809	43	61639	17.67	ug/l	99
38) Carbon Tetrachloride	5.533	117	39026	17.84	ug/l	96
39) Methylcyclohexane	6.771	83	38722	17.26	ug/l	96
40) Benzene	5.781	78	103417	17.74	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	32163	17.54	ug/l	98
42) 1,2-Dichloroethane	5.800	62	46967	18.16	ug/l	98
43) Isopropyl Acetate	5.919	43	91603	18.41	ug/l	96
44) Trichloroethene	6.549	130	26435	17.88	ug/l	99
45) 1,2-Dichloropropane	6.797	63	29013	17.86	ug/l	95
46) Dibromomethane	6.925	93	21065	18.34	ug/l	96
47) Bromodichloromethane	7.115	83	39862	17.58	ug/l	97
48) Methyl methacrylate	6.967	41	45163	18.08	ug/l	95
49) 1,4-Dioxane	6.983	88	18981	379.29	ug/l #	96
51) 4-Methyl-2-Pentanone	7.800	43	318284	86.47	ug/l	98
52) Toluene	7.977	92	64818	17.94	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	42815	17.01	ug/l	96
54) cis-1,3-Dichloropropene	7.613	75	44995	17.60	ug/l	95
55) 1,1,2-Trichloroethane	8.407	97	26752	17.26	ug/l	98
56) Ethyl methacrylate	8.340	69	45785	18.03	ug/l	95
57) 1,3-Dichloropropane	8.581	76	47881	17.88	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.469	63	91864	91.79	ug/l	99
59) 2-Hexanone	8.690	43	258724	85.36	ug/l	99
60) Dibromochloromethane	8.816	129	30249	16.87	ug/l	96
61) 1,2-Dibromoethane	8.932	107	30980	17.72	ug/l	97
64) Tetrachloroethene	8.562	164	22859	17.58	ug/l	97
65) Chlorobenzene	9.452	112	69792	18.16	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.542	131	27114	18.46	ug/l	99
67) Ethyl Benzene	9.578	91	130660	18.84	ug/l	100
68) m/p-Xylenes	9.700	106	94766	36.93	ug/l	100
69) o-Xylene	10.105	106	46804	18.69	ug/l	100
70) Styrene	10.121	104	76188	18.06	ug/l	99
71) Bromoform	10.298	173	25446	16.81	ug/l #	97
73) Isopropylbenzene	10.491	105	126791	19.91	ug/l	99
74) N-amyl acetate	10.327	43	77804	19.02	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	50182	18.10	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	48912m	17.64	ug/l	
77) Bromobenzene	10.790	156	34394	19.39	ug/l	97
78) n-propylbenzene	10.912	91	147422	19.34	ug/l	99
79) 2-Chlorotoluene	10.993	91	88155	19.03	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	106192	18.89	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	15457	16.38	ug/l	92
82) 4-Chlorotoluene	11.102	91	102631	18.44	ug/l	99
83) tert-Butylbenzene	11.427	119	106655	19.30	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	107624	18.64	ug/l	99
85) sec-Butylbenzene	11.648	105	121949	18.83	ug/l	97
86) p-Isopropyltoluene	11.800	119	110795	18.59	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	58135	18.08	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	58325	17.39	ug/l	98
89) n-Butylbenzene	12.214	91	99380	17.80	ug/l	97
90) Hexachloroethane	12.484	117	19372	17.34	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	57930	17.63	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	14922	19.01	ug/l	96
93) 1,2,4-Trichlorobenzene	13.848	180	40611	19.64	ug/l	98
94) Hexachlorobutadiene	14.028	225	20713	18.71	ug/l	96
95) Naphthalene	14.095	128	129701	20.60	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	40877	20.30	ug/l	98

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

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