

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043042.D
 Acq On : 13 Apr 2021 11:33
 Operator : SY/MD
 Sample : VU0413WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0413WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/14/2021 6:28:02 PM

Quant Time: Apr 13 14:28:31 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	111597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	172438	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	161459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	89662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	83903	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
35) Dibromofluoromethane	5.298	113	60202	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
50) Toluene-d8	7.906	98	211303	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
62) 4-Bromofluorobenzene	10.642	95	79904	43.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.04%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	20417	17.73	ug/l	98
3) Chloromethane	1.523	50	23707	18.56	ug/l	99
4) Vinyl Chloride	1.607	62	23047	18.36	ug/l	99
5) Bromomethane	1.854	94	13582	19.85	ug/l	100
6) Chloroethane	1.932	64	15940	18.38	ug/l	92
7) Trichlorofluoromethane	2.141	101	39999	18.75	ug/l	99
8) Diethyl Ether	2.382	74	12700	18.59	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.587	101	20254	18.45	ug/l	96
10) Methyl Iodide	2.729	142	25373	17.54	ug/l	99
11) Tert butyl alcohol	3.202	59	39499	81.69	ug/l #	87
12) 1,1-Dichloroethene	2.584	96	18850	18.04	ug/l	96
13) Acrolein	2.491	56	24048	86.88	ug/l	94
14) Allyl chloride	2.928	41	44254	17.46	ug/l	97
15) Acrylonitrile	3.321	53	88465	85.06	ug/l	99
16) Acetone	2.633	43	91963	83.09	ug/l	99
17) Carbon Disulfide	2.800	76	54737	17.03	ug/l	100
18) Methyl Acetate	2.954	43	40813	17.40	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	74959	18.16	ug/l	99
20) Methylene Chloride	3.054	84	23547	17.67	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	21856	17.91	ug/l	98
22) Diisopropyl ether	4.002	45	85759	17.68	ug/l	98
23) Vinyl Acetate	3.964	43	413606	88.13	ug/l	100
24) 1,1-Dichloroethane	3.880	63	43863	17.89	ug/l	99
25) 2-Butanone	4.713	43	145072	85.13	ug/l	100
26) 2,2-Dichloropropane	4.674	77	38369	17.84	ug/l	99
27) cis-1,2-Dichloroethene	4.677	96	25002	18.01	ug/l	99
28) Bromochloromethane	4.983	49	22549	18.03	ug/l	98
29) Tetrahydrofuran	5.060	42	91664	85.42	ug/l	97
30) Chloroform	5.099	83	45423	17.49	ug/l	96
31) Cyclohexane	5.394	56	42667	18.44	ug/l	94
32) 1,1,1-Trichloroethane	5.327	97	39182	17.07	ug/l	97
36) 1,1-Dichloropropene	5.536	75	33021	18.05	ug/l	97
37) Ethyl Acetate	4.812	43	52632	16.82	ug/l	99
38) Carbon Tetrachloride	5.533	117	35019	17.85	ug/l	100
39) Methylcyclohexane	6.771	83	35733	17.77	ug/l	96
40) Benzene	5.784	78	95050	18.18	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	27618	16.79	ug/l	98
42) 1,2-Dichloroethane	5.803	62	42293	18.24	ug/l	98
43) Isopropyl Acetate	5.922	43	76285	17.10	ug/l	97
44) Trichloroethene	6.549	130	23733	17.90	ug/l	95
45) 1,2-Dichloropropane	6.800	63	25559	17.55	ug/l	95
46) Dibromomethane	6.925	93	18038	17.51	ug/l	95
47) Bromodichloromethane	7.111	83	37040	18.22	ug/l	96
48) Methyl methacrylate	6.967	41	39372	17.58	ug/l	97
49) 1,4-Dioxane	6.986	88	15575	347.10	ug/l #	94
51) 4-Methyl-2-Pentanone	7.800	43	271075	82.13	ug/l	99
52) Toluene	7.976	92	58954	18.19	ug/l	99
53) t-1,3-Dichloropropene	8.217	75	38882	17.22	ug/l	99
54) cis-1,3-Dichloropropene	7.616	75	39374	17.18	ug/l	94
55) 1,1,2-Trichloroethane	8.407	97	24526	17.64	ug/l	97
56) Ethyl methacrylate	8.343	69	37952	16.67	ug/l	92
57) 1,3-Dichloropropane	8.584	76	43274	18.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	67771	76.81	ug/l	100
59) 2-Hexanone	8.693	43	218156	80.27	ug/l	100
60) Dibromochloromethane	8.819	129	26968	16.77	ug/l	99
61) 1,2-Dibromoethane	8.931	107	27147	17.31	ug/l	95
64) Tetrachloroethene	8.562	164	21659	18.49	ug/l	98
65) Chlorobenzene	9.455	112	63111	18.23	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	24331	18.38	ug/l	98
67) Ethyl Benzene	9.578	91	116312	18.61	ug/l	98
68) m/p-Xylenes	9.700	106	84336	36.48	ug/l	99
69) o-Xylene	10.108	106	41258	18.28	ug/l	98
70) Styrene	10.121	104	67687	17.81	ug/l	98
71) Bromoform	10.298	173	23220	17.03	ug/l #	97
73) Isopropylbenzene	10.491	105	112605	18.71	ug/l	99
74) N-amyl acetate	10.327	43	64604	16.71	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	45017	17.18	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	43480m	16.60	ug/l	
77) Bromobenzene	10.790	156	29538	17.62	ug/l	98
78) n-propylbenzene	10.912	91	132984	18.46	ug/l	99
79) 2-Chlorotoluene	10.992	91	79772	18.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	98124	18.47	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.555	75	14037	15.74	ug/l	91
82) 4-Chlorotoluene	11.105	91	94594	17.98	ug/l	99
83) tert-Butylbenzene	11.430	119	94511	18.10	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	99865	18.30	ug/l	98
85) sec-Butylbenzene	11.651	105	113400	18.53	ug/l	98
86) p-Isopropyltoluene	11.799	119	104294	18.51	ug/l	98
87) 1,3-Dichlorobenzene	11.751	146	53634	17.65	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	54565	17.21	ug/l	99
89) n-Butylbenzene	12.217	91	92965	17.62	ug/l	98
90) Hexachloroethane	12.484	117	18267	17.30	ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	53433	17.21	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	12646	17.05	ug/l	91
93) 1,2,4-Trichlorobenzene	13.848	180	34324	17.72	ug/l	97
94) Hexachlorobutadiene	14.028	225	20089	19.22	ug/l	98
95) Naphthalene	14.095	128	97371	16.93	ug/l	99
96) 1,2,3-Trichlorobenzene	14.339	180	32809	17.46	ug/l	97

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

