

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050721\
 Data File : VU043603.D
 Acq On : 07 May 2021 11:43
 Operator : SY/MD
 Sample : VU0507WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0507WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 3:35:40 PM

Quant Time: May 08 01:06:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	109361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	177093	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	168293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.822	152	86902	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	95782	43.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.54%	
35) Dibromofluoromethane	5.298	113	64416	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
50) Toluene-d8	7.906	98	232948	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
62) 4-Bromofluorobenzene	10.639	95	85450	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.70%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	25542	17.37	ug/l	94
3) Chloromethane	1.523	50	30653	16.46	ug/l	100
4) Vinyl Chloride	1.607	62	26909	15.50	ug/l	99
5) Bromomethane	1.838	94	16485	16.87	ug/l	96
6) Chloroethane	1.925	64	17243	15.49	ug/l	99
7) Trichlorofluoromethane	2.138	101	37609	16.00	ug/l	97
8) Diethyl Ether	2.379	74	14152	16.60	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.581	101	21793	16.73	ug/l	99
10) Methyl Iodide	2.726	142	21421	13.40	ug/l	98
11) Tert butyl alcohol	3.186	59	39814	67.03	ug/l	99
12) 1,1-Dichloroethene	2.581	96	20339	16.06	ug/l	89
13) Acrolein	2.488	56	24721	98.55	ug/l	98
14) Allyl chloride	2.925	41	51565	16.25	ug/l	99
15) Acrylonitrile	3.318	53	87754	81.40	ug/l	98
16) Acetone	2.629	43	110166	89.65	ug/l	97
17) Carbon Disulfide	2.797	76	63098	15.72	ug/l	100
18) Methyl Acetate	2.951	43	47345	16.85	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	70681	16.23	ug/l	96
20) Methylene Chloride	3.051	84	26475	15.31	ug/l	97
21) trans-1,2-Dichloroethene	3.359	96	22366	16.25	ug/l	95
22) Diisopropyl ether	3.999	45	90335	16.60	ug/l	98
23) Vinyl Acetate	3.961	43	454650	79.92	ug/l	100
24) 1,1-Dichloroethane	3.874	63	50921	16.19	ug/l	98
25) 2-Butanone	4.707	43	154886	81.76	ug/l	98
26) 2,2-Dichloropropane	4.671	77	41651	19.65	ug/l	97
27) cis-1,2-Dichloroethene	4.678	96	26328	16.58	ug/l	94
28) Bromochloromethane	4.980	49	24217	15.34	ug/l	100
29) Tetrahydrofuran	5.057	42	88745	82.49	ug/l	98
30) Chloroform	5.096	83	48727	16.02	ug/l	97
31) Cyclohexane	5.395	56	41705	15.78	ug/l	98
32) 1,1,1-Trichloroethane	5.324	97	41554	16.04	ug/l	98
36) 1,1-Dichloropropene	5.533	75	35324	17.57	ug/l	99
37) Ethyl Acetate	4.809	43	56319	16.54	ug/l	99
38) Carbon Tetrachloride	5.533	117	34679	17.02	ug/l	99
39) Methylcyclohexane	6.771	83	34390	17.70	ug/l	97
40) Benzene	5.784	78	102389	16.99	ug/l	99
41) Methacrylonitrile	4.980	41	31672	17.34	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.803	62	44891	16.96	ug/l	100
43) Isopropyl Acetate	5.919	43	82947	16.61	ug/l	99
44) Trichloroethene	6.549	130	24539	17.34	ug/l	97
45) 1,2-Dichloropropane	6.800	63	29316	16.51	ug/l	100
46) Dibromomethane	6.925	93	19199	17.15	ug/l	97
47) Bromodichloromethane	7.115	83	38635	17.04	ug/l	96
48) Methyl methacrylate	6.967	41	41782	16.65	ug/l	99
49) 1,4-Dioxane	6.970	88	13655	329.48	ug/l	97
51) 4-Methyl-2-Pentanone	7.800	43	295509	85.91	ug/l	99
52) Toluene	7.976	92	62121	17.83	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	40856	17.21	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	43661	17.62	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	25033	16.49	ug/l	98
56) Ethyl methacrylate	8.340	69	40055	17.02	ug/l	98
57) 1,3-Dichloropropane	8.581	76	47043	17.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	77704	102.44	ug/l	100
59) 2-Hexanone	8.690	43	232100	84.59	ug/l	100
60) Dibromochloromethane	8.816	129	27781	17.20	ug/l	97
61) 1,2-Dibromoethane	8.931	107	27534	16.78	ug/l	100
64) Tetrachloroethene	8.562	164	23285	17.92	ug/l	97
65) Chlorobenzene	9.456	112	63632	17.14	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	23464	16.43	ug/l	97
67) Ethyl Benzene	9.578	91	114896	16.47	ug/l	99
68) m/p-Xylenes	9.700	106	85931	33.25	ug/l	100
69) o-Xylene	10.108	106	40242	16.47	ug/l	97
70) Styrene	10.121	104	69592	16.71	ug/l	100
71) Bromoform	10.298	173	21705	17.05	ug/l #	100
73) Isopropylbenzene	10.491	105	110950	17.81	ug/l	100
74) N-ethyl acetate	10.327	43	65836	16.01	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	49169	16.73	ug/l	97
76) 1,2,3-Trichloropropane	10.832	75	47061m	17.03	ug/l	
77) Bromobenzene	10.790	156	28319	17.66	ug/l	100
78) n-propylbenzene	10.912	91	136559	17.93	ug/l	100
79) 2-Chlorotoluene	10.992	91	82518	17.48	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	96084	16.85	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	13928	16.42	ug/l	99
82) 4-Chlorotoluene	11.105	91	98568	18.27	ug/l	100
83) tert-Butylbenzene	11.430	119	90346	17.44	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	96230	16.94	ug/l	100
85) sec-Butylbenzene	11.652	105	116083	17.32	ug/l	100
86) p-Isopropyltoluene	11.803	119	97875	17.09	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	51798	17.08	ug/l	98
88) 1,4-Dichlorobenzene	11.845	146	53838	17.11	ug/l	98
89) n-Butylbenzene	12.217	91	92469	17.20	ug/l	100
90) Hexachloroethane	12.484	117	14762	16.94	ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	52694	16.82	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	11778	16.26	ug/l	96
93) 1,2,4-Trichlorobenzene	13.848	180	32823	16.12	ug/l	99
94) Hexachlorobutadiene	14.028	225	17189	17.73	ug/l	99
95) Naphthalene	14.095	128	104466	15.26	ug/l	99
96) 1,2,3-Trichlorobenzene	14.340	180	33294	16.39	ug/l	98

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