

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043086.D
 Acq On : 14 Apr 2021 11:58
 Operator : SY/MD
 Sample : VU0414WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0414WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/15/2021 5:36:48 PM

Quant Time: Apr 15 02:01:09 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	120487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	183323	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	175749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	93098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	93599	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
35) Dibromofluoromethane	5.298	113	65384	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
50) Toluene-d8	7.906	98	235219	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	10.642	95	88874	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	22409	18.03	ug/l	98
3) Chloromethane	1.523	50	24267	17.54	ug/l	98
4) Vinyl Chloride	1.607	62	23767	17.53	ug/l	100
5) Bromomethane	1.858	94	15536	21.03	ug/l	99
6) Chloroethane	1.932	64	19052	20.35	ug/l	95
7) Trichlorofluoromethane	2.141	101	41204	17.89	ug/l	99
8) Diethyl Ether	2.382	74	13765	18.66	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.584	101	21574	18.20	ug/l	99
10) Methyl Iodide	2.729	142	23195	14.85	ug/l	98
11) Tert butyl alcohol	3.215	59	41615m	79.72	ug/l	
12) 1,1-Dichloroethene	2.584	96	20091	17.81	ug/l	95
13) Acrolein	2.494	56	25729	86.19	ug/l	99
14) Allyl chloride	2.928	41	47624	17.40	ug/l	97
15) Acrylonitrile	3.324	53	90986	81.03	ug/l	99
16) Acetone	2.639	43	92201	77.14	ug/l	100
17) Carbon Disulfide	2.800	76	57710	16.64	ug/l	100
18) Methyl Acetate	2.954	43	44252	17.48	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	82516	18.52	ug/l	98
20) Methylene Chloride	3.054	84	24937	17.34	ug/l	98
21) trans-1,2-Dichloroethene	3.362	96	23216	17.62	ug/l	98
22) Diisopropyl ether	4.002	45	94713	18.09	ug/l	99
23) Vinyl Acetate	3.964	43	451331	89.07	ug/l	100
24) 1,1-Dichloroethane	3.880	63	47794	18.05	ug/l	100
25) 2-Butanone	4.716	43	147008	79.90	ug/l	98
26) 2,2-Dichloropropane	4.674	77	42083	18.12	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	27921	18.62	ug/l	99
28) Bromochloromethane	4.983	49	24551	18.18	ug/l	94
29) Tetrahydrofuran	5.060	42	94703	81.74	ug/l	97
30) Chloroform	5.099	83	50393	17.97	ug/l	96
31) Cyclohexane	5.398	56	45053	18.03	ug/l	98
32) 1,1,1-Trichloroethane	5.327	97	44246	17.85	ug/l	98
36) 1,1-Dichloropropene	5.533	75	35753	18.38	ug/l	98
37) Ethyl Acetate	4.813	43	55449	16.67	ug/l	98
38) Carbon Tetrachloride	5.536	117	38083	18.26	ug/l	96
39) Methylcyclohexane	6.771	83	40511	18.95	ug/l	99
40) Benzene	5.784	78	101892	18.33	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	29699	16.99	ug/l	97
42) 1,2-Dichloroethane	5.803	62	45629	18.51	ug/l	99
43) Isopropyl Acetate	5.922	43	85404	18.01	ug/l	97
44) Trichloroethene	6.549	130	26105	18.52	ug/l	98
45) 1,2-Dichloropropane	6.800	63	27786	17.95	ug/l	96
46) Dibromomethane	6.925	93	19832	18.11	ug/l	99
47) Bromodichloromethane	7.115	83	39883	18.45	ug/l	97
48) Methyl methacrylate	6.970	41	42388	17.80	ug/l	96
49) 1,4-Dioxane	6.999	88	15809	331.39	ug/l #	97
51) 4-Methyl-2-Pentanone	7.803	43	294661	83.98	ug/l	98
52) Toluene	7.976	92	64644	18.76	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	42776	17.82	ug/l	98
54) cis-1,3-Dichloropropene	7.616	75	43955	18.04	ug/l	90
55) 1,1,2-Trichloroethane	8.407	97	26910	18.21	ug/l	98
56) Ethyl methacrylate	8.343	69	42978	17.75	ug/l	93
57) 1,3-Dichloropropane	8.584	76	46902	18.37	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.472	63	78893	83.42	ug/l	99
59) 2-Hexanone	8.697	43	235994	81.68	ug/l	98
60) Dibromochloromethane	8.819	129	31049	18.17	ug/l	99
61) 1,2-Dibromoethane	8.931	107	29384	17.63	ug/l	100
64) Tetrachloroethene	8.562	164	23682	18.57	ug/l	98
65) Chlorobenzene	9.455	112	68332	18.13	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	27351	18.98	ug/l	97
67) Ethyl Benzene	9.578	91	128807	18.94	ug/l	100
68) m/p-Xylenes	9.700	106	91494	36.36	ug/l	96
69) o-Xylene	10.108	106	44697	18.20	ug/l	97
70) Styrene	10.121	104	74513	18.02	ug/l	99
71) Bromoform	10.301	173	24547	16.53	ug/l #	98
73) Isopropylbenzene	10.491	105	125479	20.08	ug/l	98
74) N-amyl acetate	10.327	43	75055	18.70	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.793	83	49124	18.06	ug/l	99
76) 1,2,3-Trichloropropane	10.835	75	48526m	17.84	ug/l	
77) Bromobenzene	10.790	156	33085	19.01	ug/l	99
78) n-propylbenzene	10.912	91	147998	19.78	ug/l	99
79) 2-Chlorotoluene	10.992	91	86862	19.11	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	107516	19.49	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.555	75	14655	15.83	ug/l	87
82) 4-Chlorotoluene	11.105	91	103999	19.04	ug/l	98
83) tert-Butylbenzene	11.430	119	104824	19.33	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	107122	18.90	ug/l	99
85) sec-Butylbenzene	11.651	105	122415	19.26	ug/l	99
86) p-Isopropyltoluene	11.803	119	112849	19.29	ug/l	98
87) 1,3-Dichlorobenzene	11.754	146	57307	18.16	ug/l	98
88) 1,4-Dichlorobenzene	11.844	146	59592	18.10	ug/l	98
89) n-Butylbenzene	12.217	91	101320	18.49	ug/l	98
90) Hexachloroethane	12.484	117	19298	17.60	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	58754	18.22	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	12951	16.81	ug/l	91
93) 1,2,4-Trichlorobenzene	13.851	180	37534	18.58	ug/l	99
94) Hexachlorobutadiene	14.031	225	20993	19.34	ug/l	98
95) Naphthalene	14.095	128	109051	18.05	ug/l	99
96) 1,2,3-Trichlorobenzene	14.339	180	36247	18.48	ug/l	98

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

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