

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043035.D
 Acq On : 12 Apr 2021 19:51
 Operator : SY/MD
 Sample : M1946-04MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FS-SB9MS

Manual Integrations
 APPROVED

MMDadoda
 4/13/2021 5:47:19 PM

Quant Time: Apr 13 05:16:35 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	110842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	175504	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	175263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	104841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	89946	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
35) Dibromofluoromethane	5.295	113	63266	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
50) Toluene-d8	7.906	98	226407	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	10.639	95	93050	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	57445	50.23	ug/l	100
3) Chloromethane	1.523	50	64972	53.39	ug/l	97
4) Vinyl Chloride	1.607	62	62375	50.02	ug/l	97
5) Bromomethane	1.842	94	41495	61.06	ug/l	98
6) Chloroethane	1.929	64	42496	49.40	ug/l	96
7) Trichlorofluoromethane	2.138	101	105663	49.86	ug/l	100
8) Diethyl Ether	2.379	74	34360	50.64	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	53747	49.29	ug/l	97
10) Methyl Iodide	2.726	142	75507	52.55	ug/l	100
11) Tert butyl alcohol	3.189	59	115705	240.93	ug/l #	76
12) 1,1-Dichloroethene	2.584	96	50652	48.81	ug/l	97
13) Acrolein	2.488	56	66532	223.40	ug/l	98
14) Allyl chloride	2.928	41	122971	48.84	ug/l	98
15) Acrylonitrile	3.318	53	261342	252.99	ug/l	99
16) Acetone	2.626	43	260521	237.56	ug/l	99
17) Carbon Disulfide	2.797	76	154290	48.34	ug/l	100
18) Methyl Acetate	2.948	43	113247	48.62	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	209751	51.16	ug/l	98
20) Methylene Chloride	3.051	84	63092	47.67	ug/l	96
21) trans-1,2-Dichloroethene	3.359	96	59669	49.23	ug/l	97
22) Diisopropyl ether	3.999	45	244197	50.70	ug/l	93
23) Vinyl Acetate	3.961	43	1174657	251.99	ug/l	100
24) 1,1-Dichloroethane	3.877	63	118784	48.77	ug/l	99
25) 2-Butanone	4.707	43	428156	252.94	ug/l	98
26) 2,2-Dichloropropane	4.674	77	102720	48.08	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	70722	51.28	ug/l	99
28) Bromochloromethane	4.983	49	61737	49.70	ug/l	95
29) Tetrahydrofuran	5.054	42	272951	256.09	ug/l	99
30) Chloroform	5.096	83	127944	49.60	ug/l	97
31) Cyclohexane	5.395	56	110923	48.26	ug/l	99
32) 1,1,1-Trichloroethane	5.327	97	113173	49.63	ug/l	98
36) 1,1-Dichloropropene	5.533	75	91058	48.91	ug/l	99
37) Ethyl Acetate	4.809	43	149356	46.91	ug/l	99
38) Carbon Tetrachloride	5.533	117	100316	50.25	ug/l	99
39) Methylcyclohexane	6.771	83	100847	49.26	ug/l	99
40) Benzene	5.780	78	324369	60.97	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	83429	49.84	ug/l	98
42) 1,2-Dichloroethane	5.803	62	117439	49.76	ug/l	100
43) Isopropyl Acetate	5.915	43	224438	49.43	ug/l	98
44) Trichloroethene	6.549	130	65420	48.48	ug/l	91
45) 1,2-Dichloropropane	6.797	63	74223	50.08	ug/l	97
46) Dibromomethane	6.925	93	51511	49.14	ug/l	97
47) Bromodichloromethane	7.115	83	102695	49.63	ug/l	97
48) Methyl methacrylate	6.967	41	117969	51.75	ug/l	97
49) 1,4-Dioxane	6.970	88	45157	988.76	ug/l #	98
51) 4-Methyl-2-Pentanone	7.796	43	853157	253.98	ug/l	99
52) Toluene	7.977	92	173785	52.69	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	114254	49.72	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	113170	48.51	ug/l	96
55) 1,1,2-Trichloroethane	8.407	97	70908	50.12	ug/l	98
56) Ethyl methacrylate	8.340	69	120655	52.06	ug/l	97
57) 1,3-Dichloropropane	8.581	76	123086	50.36	ug/l	99
59) 2-Hexanone	8.690	43	722000	261.02	ug/l	99
60) Dibromochloromethane	8.816	129	84342	51.54	ug/l	100
61) 1,2-Dibromoethane	8.931	107	81638	51.16	ug/l	100
64) Tetrachloroethene	8.562	164	58177	45.75	ug/l	97
65) Chlorobenzene	9.452	112	185067	49.24	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	72001	50.11	ug/l	99
67) Ethyl Benzene	9.578	91	441498	65.09	ug/l	100
68) m/p-Xylenes	9.700	106	314751	125.42	ug/l	99
69) o-Xylene	10.105	106	138173	56.41	ug/l	98
70) Styrene	10.121	104	216116	52.40	ug/l	99
71) Bromoform	10.298	173	71888	48.56	ug/l #	97
73) Isopropylbenzene	10.491	105	367079	52.17	ug/l	99
74) N-amyl acetate	10.327	43	210952	46.66	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	145918	47.62	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	149794m	48.89	ug/l	
77) Bromobenzene	10.790	156	90896	46.37	ug/l	99
78) n-propylbenzene	10.912	91	429153	50.94	ug/l	98
79) 2-Chlorotoluene	10.992	91	252633	49.35	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	333082	53.62	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	49088	47.08	ug/l	95
82) 4-Chlorotoluene	11.102	91	302726	49.22	ug/l	98
83) tert-Butylbenzene	11.427	119	304048	49.79	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	383862	60.14	ug/l	99
85) sec-Butylbenzene	11.652	105	356734	49.85	ug/l	99
86) p-Isopropyltoluene	11.800	119	333617	50.64	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	167601	47.16	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	173778	46.88	ug/l	98
89) n-Butylbenzene	12.214	91	318496	51.62	ug/l	99
90) Hexachloroethane	12.481	117	61393	49.71	ug/l	97
91) 1,2-Dichlorobenzene	12.217	146	174795	48.14	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	44100	50.84	ug/l	92
93) 1,2,4-Trichlorobenzene	13.848	180	113293	47.28	ug/l	97
94) Hexachlorobutadiene	14.031	225	58661	48.81	ug/l	97
95) Naphthalene	14.095	128	876186	111.94	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	116248	49.94	ug/l	99

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

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