

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033121\
 Data File : VU042851.D
 Acq On : 31 Mar 2021 12:50
 Operator : SY/MD
 Sample : VU0331WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0331WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 12:46:36 PM

Quant Time: Apr 01 04:39:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 05:42:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	101733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	153786	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	152851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	89775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	78443	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
35) Dibromofluoromethane	5.298	113	54009	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
50) Toluene-d8	7.906	98	194064	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
62) 4-Bromofluorobenzene	10.642	95	76642	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	21831	18.26	ug/l	98
3) Chloromethane	1.523	50	21399	16.53	ug/l	94
4) Vinyl Chloride	1.607	62	22691	19.26	ug/l	94
5) Bromomethane	1.861	94	17573	20.39	ug/l	98
6) Chloroethane	1.938	64	15090	15.63	ug/l	95
7) Trichlorofluoromethane	2.144	101	37233	18.13	ug/l	95
8) Diethyl Ether	2.382	74	12121	18.94	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.591	101	18907	19.21	ug/l	94
10) Methyl Iodide	2.732	142	18944	14.27	ug/l	99
11) Tert butyl alcohol	3.227	59	32890	94.86	ug/l #	94
12) 1,1-Dichloroethene	2.588	96	16912	18.33	ug/l	98
13) Acrolein	2.494	56	6637	52.42	ug/l	94
14) Allyl chloride	2.932	41	37913	18.81	ug/l	97
15) Acrylonitrile	3.324	53	77863	97.91	ug/l	98
16) Acetone	2.642	43	83978	92.91	ug/l	100
17) Carbon Disulfide	2.803	76	45262	17.34	ug/l	98
18) Methyl Acetate	2.957	43	39919	21.49	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	66455	18.98	ug/l	97
20) Methylene Chloride	3.054	84	20992	17.98	ug/l	99
21) trans-1,2-Dichloroethene	3.362	96	18562	17.93	ug/l	95
22) Diisopropyl ether	4.002	45	78256	19.28	ug/l	92
23) Vinyl Acetate	3.967	43	355597	94.16	ug/l	99
24) 1,1-Dichloroethane	3.883	63	39124	18.49	ug/l	99
25) 2-Butanone	4.716	43	127745	96.78	ug/l	98
26) 2,2-Dichloropropane	4.674	77	34191	18.30	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	22359	18.87	ug/l	99
28) Bromochloromethane	4.986	49	21458	20.32	ug/l	96
29) Tetrahydrofuran	5.063	42	80013	97.99	ug/l	100
30) Chloroform	5.099	83	40807	18.25	ug/l	99
31) Cyclohexane	5.398	56	36809	18.23	ug/l	98
32) 1,1,1-Trichloroethane	5.327	97	36707	18.49	ug/l	98
36) 1,1-Dichloropropene	5.536	75	29071	19.11	ug/l	98
37) Ethyl Acetate	4.813	43	46764	19.81	ug/l	99
38) Carbon Tetrachloride	5.536	117	31379	18.07	ug/l	99
39) Methylcyclohexane	6.771	83	31693	18.19	ug/l	99
40) Benzene	5.784	78	83511	18.35	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	24646	19.92	ug/l	98
42) 1,2-Dichloroethane	5.803	62	38752	19.86	ug/l	99
43) Isopropyl Acetate	5.922	43	68667	19.31	ug/l	100
44) Trichloroethene	6.552	130	21962	18.77	ug/l	92
45) 1,2-Dichloropropane	6.800	63	23722	19.60	ug/l	97
46) Dibromomethane	6.925	93	16826	19.51	ug/l	98
47) Bromodichloromethane	7.115	83	33625	19.19	ug/l	91
48) Methyl methacrylate	6.967	41	35230	20.53	ug/l	97
49) 1,4-Dioxane	6.999	88	11844	319.09	ug/l	97
51) 4-Methyl-2-Pentanone	7.800	43	247695	99.58	ug/l	99
52) Toluene	7.976	92	53146	19.10	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	35384	19.09	ug/l	96
54) cis-1,3-Dichloropropene	7.616	75	36843	18.99	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	22835	19.08	ug/l	96
56) Ethyl methacrylate	8.343	69	34597	18.92	ug/l	96
57) 1,3-Dichloropropane	8.584	76	39694	19.33	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.472	63	36436	82.24	ug/l	99
59) 2-Hexanone	8.693	43	197627	99.90	ug/l	99
60) Dibromochloromethane	8.819	129	27211	19.55	ug/l	95
61) 1,2-Dibromoethane	8.931	107	26081	19.16	ug/l	97
64) Tetrachloroethene	8.558	164	23121	18.74	ug/l	98
65) Chlorobenzene	9.455	112	58391	18.79	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	23580	19.07	ug/l	98
67) Ethyl Benzene	9.578	91	104575	18.76	ug/l	100
68) m/p-Xylenes	9.703	106	77366	37.66	ug/l	98
69) o-Xylene	10.108	106	36316	18.26	ug/l	95
70) Styrene	10.121	104	63186	18.81	ug/l	99
71) Bromoform	10.301	173	21672	18.48	ug/l #	99
73) Isopropylbenzene	10.491	105	104265	18.35	ug/l	99
74) N-amyl acetate	10.330	43	58833	18.34	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.790	83	40454	17.42	ug/l	96
76) 1,2,3-Trichloropropane	10.832	75	42410m	18.58	ug/l	
77) Bromobenzene	10.790	156	29039	18.57	ug/l	97
78) n-propylbenzene	10.915	91	126452	18.91	ug/l	100
79) 2-Chlorotoluene	10.992	91	74819	18.54	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	93544	18.98	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	13035	16.92	ug/l	97
82) 4-Chlorotoluene	11.105	91	91343	18.95	ug/l	100
83) tert-Butylbenzene	11.426	119	86564	18.02	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	93291	18.74	ug/l	99
85) sec-Butylbenzene	11.652	105	105217	18.85	ug/l	100
86) p-Isopropyltoluene	11.803	119	99201	19.42	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	53153	18.92	ug/l	97
88) 1,4-Dichlorobenzene	11.844	146	53698	18.61	ug/l	99
89) n-Butylbenzene	12.217	91	91320	18.94	ug/l	99
90) Hexachloroethane	12.484	117	16272	16.87	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	52078	18.20	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	11112	18.06	ug/l	99
93) 1,2,4-Trichlorobenzene	13.848	180	36373	19.95	ug/l	99
94) Hexachlorobutadiene	14.031	225	20037	18.78	ug/l	98
95) Naphthalene	14.095	128	103051	18.63	ug/l	100
96) 1,2,3-Trichlorobenzene	14.339	180	36030	19.52	ug/l	98

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

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