

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043574.D
 Acq On : 06 May 2021 11:45
 Operator : SY/MD
 Sample : VU0506WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0506WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 12:52:30 PM

Quant Time: May 07 02:02:36 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	101331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	167058	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	160556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	84970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	99405	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
35) Dibromofluoromethane	5.298	113	63964	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
50) Toluene-d8	7.906	98	235122	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	10.639	95	88658	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	25443	18.61	ug/l	98
3) Chloromethane	1.523	50	33280	19.24	ug/l	98
4) Vinyl Chloride	1.607	62	28587	17.77	ug/l	100
5) Bromomethane	1.838	94	17540	19.37	ug/l	92
6) Chloroethane	1.925	64	16938	16.42	ug/l	97
7) Trichlorofluoromethane	2.134	101	40224	18.46	ug/l	99
8) Diethyl Ether	2.382	74	14264	18.06	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.581	101	22716	18.82	ug/l	99
10) Methyl Iodide	2.726	142	24095	16.27	ug/l	96
11) Tert butyl alcohol	3.189	59	42698	77.58	ug/l	100
12) 1,1-Dichloroethene	2.581	96	22365	19.06	ug/l	99
13) Acrolein	2.488	56	21616	93.34	ug/l	99
14) Allyl chloride	2.925	41	54736	18.62	ug/l	99
15) Acrylonitrile	3.318	53	90968	91.06	ug/l	99
16) Acetone	2.629	43	101018	88.72	ug/l	100
17) Carbon Disulfide	2.797	76	65426	17.59	ug/l	96
18) Methyl Acetate	2.951	43	47683	18.32	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	73565	18.23	ug/l	100
20) Methylene Chloride	3.051	84	27564	17.20	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	24149	18.93	ug/l	93
22) Diisopropyl ether	3.999	45	93816	18.61	ug/l	97
23) Vinyl Acetate	3.961	43	473291	88.56	ug/l	99
24) 1,1-Dichloroethane	3.877	63	51816	17.78	ug/l	100
25) 2-Butanone	4.707	43	158203	90.12	ug/l	99
26) 2,2-Dichloropropane	4.674	77	41467	21.11	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	27430	18.64	ug/l	96
28) Bromochloromethane	4.980	49	25141	17.19	ug/l	99
29) Tetrahydrofuran	5.057	42	91533	91.82	ug/l	99
30) Chloroform	5.096	83	49659	17.62	ug/l	92
31) Cyclohexane	5.395	56	44157	18.04	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	43635	18.17	ug/l	99
36) 1,1-Dichloropropene	5.533	75	37082	19.55	ug/l	100
37) Ethyl Acetate	4.809	43	59472	18.51	ug/l	99
38) Carbon Tetrachloride	5.533	117	35811	18.63	ug/l	99
39) Methylcyclohexane	6.771	83	35544	19.40	ug/l	96
40) Benzene	5.780	78	108848	19.15	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	31894	18.39	ug/l	100
42) 1,2-Dichloroethane	5.803	62	46838	18.76	ug/l	99
43) Isopropyl Acetate	5.919	43	86566	18.38	ug/l	99
44) Trichloroethene	6.549	130	26362	19.75	ug/l	99
45) 1,2-Dichloropropane	6.800	63	30633	18.28	ug/l	97
46) Dibromomethane	6.925	93	20060	18.99	ug/l	97
47) Bromodichloromethane	7.115	83	40017	18.71	ug/l	96
48) Methyl methacrylate	6.967	41	42412	17.92	ug/l	98
49) 1,4-Dioxane	6.970	88	13389	340.53	ug/l	94
51) 4-Methyl-2-Pentanone	7.800	43	308542	93.04	ug/l	99
52) Toluene	7.976	92	64015	19.48	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	42566	18.78	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	44819	19.17	ug/l	97
55) 1,1,2-Trichloroethane	8.407	97	27118	18.93	ug/l	97
56) Ethyl methacrylate	8.340	69	42686	18.68	ug/l	98
57) 1,3-Dichloropropane	8.581	76	48462	19.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	63865	92.15	ug/l	99
59) 2-Hexanone	8.690	43	242104	91.34	ug/l	99
60) Dibromochloromethane	8.816	129	29058	19.07	ug/l	97
61) 1,2-Dibromoethane	8.931	107	29364	18.98	ug/l	100
64) Tetrachloroethene	8.562	164	25646	20.68	ug/l	95
65) Chlorobenzene	9.452	112	66829	18.87	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	25027	18.36	ug/l	99
67) Ethyl Benzene	9.578	91	119418	17.82	ug/l	99
68) m/p-Xylenes	9.700	106	89941	36.25	ug/l	99
69) o-Xylene	10.108	106	42422	18.00	ug/l	98
70) Styrene	10.121	104	74190	18.36	ug/l	99
71) Bromoform	10.298	173	22863	18.46	ug/l #	96
73) Isopropylbenzene	10.491	105	116593	19.14	ug/l	100
74) N-amyl acetate	10.327	43	68464	16.87	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	50291	17.50	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	49887m	18.46	ug/l	
77) Bromobenzene	10.790	156	29511	18.82	ug/l	99
78) n-propylbenzene	10.912	91	147963	19.87	ug/l	99
79) 2-Chlorotoluene	10.992	91	88412	19.15	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	100830	18.04	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.552	75	14133	17.04	ug/l	99
82) 4-Chlorotoluene	11.102	91	103279	19.58	ug/l	99
83) tert-Butylbenzene	11.430	119	94510	18.66	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	101785	18.24	ug/l	100
85) sec-Butylbenzene	11.652	105	124449	18.86	ug/l	98
86) p-Isopropyltoluene	11.800	119	105000	18.61	ug/l	99
87) 1,3-Dichlorobenzene	11.754	146	55855	18.83	ug/l	98
88) 1,4-Dichlorobenzene	11.845	146	56462	18.36	ug/l	98
89) n-Butylbenzene	12.217	91	98981	18.59	ug/l	99
90) Hexachloroethane	12.484	117	14447	16.95	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	55092	17.99	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	11730	16.57	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	34355	17.26	ug/l	99
94) Hexachlorobutadiene	14.028	225	17835	18.82	ug/l	96
95) Naphthalene	14.095	128	104466	15.57	ug/l	100
96) 1,2,3-Trichlorobenzene	14.340	180	35446	17.85	ug/l	97

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

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