

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044175.D
 Acq On : 14 Jun 2021 12:53
 Operator : SY/MD
 Sample : VU0614WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 9:50:32 AM

Quant Time: Jun 15 02:43:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	152043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	266578	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	259059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	138453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	121772	50.363	ug/l	0.00
Spiked Amount 50.000			Recovery	= 100.720%		
35) Dibromofluoromethane	5.298	113	92911	50.103	ug/l	0.00
Spiked Amount 50.000			Recovery	= 100.200%		
50) Toluene-d8	7.906	98	362708	50.930	ug/l	0.00
Spiked Amount 50.000			Recovery	= 101.860%		
62) 4-Bromofluorobenzene	10.639	95	137707	48.250	ug/l	0.00
Spiked Amount 50.000			Recovery	= 96.500%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.391	85	39229	18.291	ug/l	100
3) Chloromethane	1.523	50	47947	18.695	ug/l	99
4) Vinyl Chloride	1.610	62	46792	18.286	ug/l	99
5) Bromomethane	1.864	94	27660	26.196	ug/l	97
6) Chloroethane	1.938	64	26715	17.842	ug/l	97
7) Trichlorofluoromethane	2.144	101	57856	18.796	ug/l	100
8) Diethyl Ether	2.385	74	23902	18.983	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.591	101	34053	18.161	ug/l	99
10) Methyl Iodide	2.732	142	38498	17.799	ug/l	100
11) Tert butyl alcohol	3.253	59	65964m	101.414	ug/l	
12) 1,1-Dichloroethene	2.587	96	35221	18.842	ug/l	96
13) Acrolein	2.501	56	28639	79.340	ug/l	100
14) Allyl chloride	2.932	41	66636	19.103	ug/l	99
15) Acrylonitrile	3.330	53	149176	110.917	ug/l	99
16) Acetone	2.652	43	137034	108.555	ug/l	100
17) Carbon Disulfide	2.803	76	109336	18.216	ug/l	99
18) Methyl Acetate	2.960	43	70696	22.730	ug/l	99
19) Methyl tert-butyl Ether	3.375	73	113107	19.815	ug/l	98
20) Methylene Chloride	3.054	84	44210	19.560	ug/l	98
21) trans-1,2-Dichloroethene	3.362	96	39357	19.061	ug/l	96
22) Diisopropyl ether	4.002	45	121896	20.299	ug/l #	72
23) Vinyl Acetate	3.967	43	576899	101.233	ug/l	99
24) 1,1-Dichloroethane	3.883	63	76176	19.088	ug/l	99
25) 2-Butanone	4.722	43	219249	108.641	ug/l	100
26) 2,2-Dichloropropane	4.677	77	56961	18.073	ug/l	98
27) cis-1,2-Dichloroethene	4.677	96	44371	19.263	ug/l	99
28) Bromochloromethane	4.983	49	37166	19.522	ug/l	99
29) Tetrahydrofuran	5.070	42	131145	119.545	ug/l	99
30) Chloroform	5.099	83	75723	19.429	ug/l	99
31) Cyclohexane	5.398	56	63836	18.708	ug/l	97
32) 1,1,1-Trichloroethane	5.327	97	62886	19.407	ug/l	99
36) 1,1-Dichloropropene	5.536	75	56075	18.907	ug/l	99
37) Ethyl Acetate	4.816	43	79608	22.415	ug/l	99
38) Carbon Tetrachloride	5.536	117	53770	20.082	ug/l	96
39) Methylcyclohexane	6.771	83	55170	17.438	ug/l	98
40) Benzene	5.783	78	170160	19.362	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	40120	22.066	ug/l	99
42) 1,2-Dichloroethane	5.806	62	61082	19.695	ug/l	99
43) Isopropyl Acetate	5.922	43	105664	20.969	ug/l	99
44) Trichloroethene	6.549	130	38602	19.061	ug/l	98
45) 1,2-Dichloropropane	6.800	63	45901	19.229	ug/l	97
46) Dibromomethane	6.925	93	30313	19.700	ug/l	99
47) Bromodichloromethane	7.115	83	59039	19.500	ug/l	97
48) Methyl methacrylate	6.970	41	48115	19.622	ug/l	98
49) 1,4-Dioxane	7.021	88	30351	473.216	ug/l #	80
51) 4-Methyl-2-Pentanone	7.803	43	399763	109.610	ug/l	99
52) Toluene	7.976	92	104923	20.141	ug/l	100
53) t-1,3-Dichloropropene	8.217	75	64343	19.423	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	69918	19.561	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	42845	19.582	ug/l	99
56) Ethyl methacrylate	8.343	69	65881	19.712	ug/l	98
57) 1,3-Dichloropropane	8.584	76	76417	19.686	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	83735	82.620	ug/l	98
59) 2-Hexanone	8.693	43	315435	108.374	ug/l	99
60) Dibromochloromethane	8.819	129	42986	19.756	ug/l	99
61) 1,2-Dibromoethane	8.931	107	45190	19.637	ug/l	98
64) Tetrachloroethene	8.562	164	34036	19.112	ug/l	99
65) Chlorobenzene	9.452	112	106009	19.137	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.542	131	36661	18.949	ug/l	98
67) Ethyl Benzene	9.578	91	192464	19.342	ug/l	99
68) m/p-Xylenes	9.700	106	147862	39.787	ug/l	99
69) o-Xylene	10.108	106	68698	19.495	ug/l	99
70) Styrene	10.121	104	119745	19.511	ug/l	100
71) Bromoform	10.298	173	30963	18.806	ug/l #	100
73) Isopropylbenzene	10.491	105	186052	20.067	ug/l	100
74) N-amyl acetate	10.330	43	82092	19.716	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	78796	19.523	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	93648	20.174	ug/l	99
77) Bromobenzene	10.787	156	44610	19.139	ug/l	99
78) n-propylbenzene	10.912	91	234212	19.411	ug/l	100
79) 2-Chlorotoluene	10.992	91	138423	19.363	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	165597	20.077	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	24679	19.272	ug/l	96
82) 4-Chlorotoluene	11.102	91	164903	19.532	ug/l	99
83) tert-Butylbenzene	11.426	119	148866	19.237	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	167038	20.157	ug/l	99
85) sec-Butylbenzene	11.651	105	198764	19.558	ug/l	100
86) p-Isopropyltoluene	11.799	119	170717	19.609	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	86481	18.902	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	88578	18.190	ug/l	98
89) n-Butylbenzene	12.214	91	161706	18.286	ug/l	98
90) Hexachloroethane	12.481	117	25775	18.707	ug/l	97
91) 1,2-Dichlorobenzene	12.217	146	83573	18.167	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	19441	21.296	ug/l	94
93) 1,2,4-Trichlorobenzene	13.844	180	53042	18.320	ug/l	99
94) Hexachlorobutadiene	14.028	225	28108	18.091	ug/l	100
95) Naphthalene	14.092	128	181801	20.457	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	53719	19.136	ug/l	99

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

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