

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044199.D
 Acq On : 14 Jun 2021 22:54
 Operator : SY/MD
 Sample : VU0614WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 9:50:40 AM

Quant Time: Jun 15 02:52:00 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	157428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	279675	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	272500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	147186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	121196	48.410	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.820%	
35) Dibromofluoromethane	5.301	113	96827	49.770	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.540%	
50) Toluene-d8	7.906	98	366025	48.989	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.980%	
62) 4-Bromofluorobenzene	10.639	95	142776	47.683	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.360%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.391	85	41179	18.543	ug/l	100
3) Chloromethane	1.523	50	48044	18.040	ug/l	100
4) Vinyl Chloride	1.610	62	48119	18.162	ug/l	98
5) Bromomethane	1.864	94	30203	27.626	ug/l	100
6) Chloroethane	1.941	64	27955	18.045	ug/l	100
7) Trichlorofluoromethane	2.144	101	61816	19.396	ug/l	100
8) Diethyl Ether	2.385	74	25221	19.345	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.591	101	36242	18.667	ug/l	97
10) Methyl Iodide	2.732	142	43852	19.581	ug/l	99
11) Tert butyl alcohol	3.263	59	56943m	84.551	ug/l	
12) 1,1-Dichloroethene	2.588	96	36544	18.881	ug/l	99
13) Acrolein	2.501	56	24818	65.908	ug/l	99
14) Allyl chloride	2.935	41	64073	17.740	ug/l	98
15) Acrylonitrile	3.334	53	147659	106.034	ug/l	98
16) Acetone	2.655	43	133294	101.850	ug/l	98
17) Carbon Disulfide	2.803	76	112284	18.067	ug/l	99
18) Methyl Acetate	2.964	43	70851	22.001	ug/l	100
19) Methyl tert-butyl Ether	3.375	73	117546	19.888	ug/l	100
20) Methylene Chloride	3.057	84	47980	20.561	ug/l	95
21) trans-1,2-Dichloroethene	3.362	96	41881	19.589	ug/l	98
22) Diisopropyl ether	4.006	45	122508	19.703	ug/l #	81
23) Vinyl Acetate	3.970	43	561636	95.184	ug/l	98
24) 1,1-Dichloroethane	3.883	63	78478	18.992	ug/l	99
25) 2-Butanone	4.726	43	209472	100.246	ug/l	98
26) 2,2-Dichloropropane	4.674	77	49868	15.281	ug/l	98
27) cis-1,2-Dichloroethene	4.678	96	46418	19.462	ug/l	95
28) Bromochloromethane	4.986	49	38900	19.734	ug/l	93
29) Tetrahydrofuran	5.070	42	123903	109.080	ug/l	97
30) Chloroform	5.099	83	79775	19.769	ug/l	99
31) Cyclohexane	5.398	56	65497	18.538	ug/l	98
32) 1,1,1-Trichloroethane	5.327	97	66294	19.759	ug/l	98
36) 1,1-Dichloropropene	5.536	75	59196	19.025	ug/l	99
37) Ethyl Acetate	4.819	43	78530	21.076	ug/l	100
38) Carbon Tetrachloride	5.533	117	55848	19.881	ug/l	99
39) Methylcyclohexane	6.771	83	57961	17.463	ug/l	97
40) Benzene	5.784	78	179884	19.510	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	38416	20.139	ug/l	97
42) 1,2-Dichloroethane	5.803	62	62201	19.117	ug/l	100
43) Isopropyl Acetate	5.925	43	104137	19.699	ug/l	98
44) Trichloroethene	6.552	130	42201	19.863	ug/l	99
45) 1,2-Dichloropropane	6.800	63	46827	18.698	ug/l	96
46) Dibromomethane	6.925	93	31888	19.753	ug/l	98
47) Bromodichloromethane	7.115	83	60970	19.195	ug/l	98
48) Methyl methacrylate	6.970	41	47362	18.410	ug/l	96
49) 1,4-Dioxane	7.025	88	30586m	454.548	ug/l	
51) 4-Methyl-2-Pentanone	7.800	43	387039	101.152	ug/l	99
52) Toluene	7.976	92	110053	20.136	ug/l	98
53) t-1,3-Dichloropropene	8.218	75	64758	18.632	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	70961	18.923	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	46086	20.077	ug/l	99
56) Ethyl methacrylate	8.340	69	67822	19.342	ug/l	99
57) 1,3-Dichloropropane	8.581	76	79837	19.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	102604	93.630	ug/l	98
59) 2-Hexanone	8.693	43	303991	99.551	ug/l	98
60) Dibromochloromethane	8.816	129	45373	19.876	ug/l	99
61) 1,2-Dibromoethane	8.931	107	48769	20.199	ug/l	100
64) Tetrachloroethene	8.558	164	37263	19.892	ug/l	98
65) Chlorobenzene	9.452	112	113119	19.413	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	40376	19.839	ug/l	99
67) Ethyl Benzene	9.578	91	201759	19.276	ug/l	97
68) m/p-Xylenes	9.700	106	158909	40.650	ug/l	98
69) o-Xylene	10.108	106	73116	19.726	ug/l	97
70) Styrene	10.121	104	126508	19.596	ug/l	99
71) Bromoform	10.298	173	34207	19.751	ug/l #	100
73) Isopropylbenzene	10.491	105	197200	20.008	ug/l	100
74) N-amyl acetate	10.327	43	80159	18.109	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	81358	18.962	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	92285	18.701	ug/l	97
77) Bromobenzene	10.787	156	48859	19.719	ug/l	96
78) n-propylbenzene	10.912	91	246680	19.231	ug/l	99
79) 2-Chlorotoluene	10.992	91	144063	18.957	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	175905	20.061	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	23793	17.478	ug/l	98
82) 4-Chlorotoluene	11.102	91	174622	19.456	ug/l	98
83) tert-Butylbenzene	11.426	119	158794	19.303	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	176058	19.984	ug/l	99
85) sec-Butylbenzene	11.648	105	211050	19.535	ug/l	100
86) p-Isopropyltoluene	11.799	119	182002	19.665	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	93615	19.247	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	95852	18.516	ug/l	99
89) n-Butylbenzene	12.214	91	163525	17.395	ug/l	100
90) Hexachloroethane	12.481	117	27123	18.518	ug/l	97
91) 1,2-Dichlorobenzene	12.217	146	92426	18.900	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	19626	20.223	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	56689	18.417	ug/l	98
94) Hexachlorobutadiene	14.028	225	31018	18.779	ug/l	100
95) Naphthalene	14.092	128	183856	19.599	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	58162	19.490	ug/l	98

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

