

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060821\
 Data File : VU044112.D
 Acq On : 08 Jun 2021 13:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 9:33:44 AM

Quant Time: Jun 08 23:13:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 17:38:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	210531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	394188	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	403379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	224555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	181352	49.461	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.920%	
35) Dibromofluoromethane	5.298	113	136549	48.542	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.080%	
50) Toluene-d8	7.906	98	535404	49.344	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.680%	
62) 4-Bromofluorobenzene	10.639	95	231006	53.774	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.540%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	151595	48.327	ug/l	97
3) Chloromethane	1.523	50	189583	48.858	ug/l	98
4) Vinyl Chloride	1.610	62	182461	46.807	ug/l	100
5) Bromomethane	1.835	94	55916	34.600	ug/l	98
6) Chloroethane	1.916	64	112651	47.257	ug/l	98
7) Trichlorofluoromethane	2.131	101	217153	48.468	ug/l	98
8) Diethyl Ether	2.382	74	91881	47.655	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.581	101	122232	45.119	ug/l	98
10) Methyl Iodide	2.726	142	166298	52.659	ug/l	99
11) Tert butyl alcohol	3.224	59	239906	263.921	ug/l	99
12) 1,1-Dichloroethene	2.581	96	130191	50.244	ug/l	96
13) Acrolein	2.491	56	133143	186.301	ug/l	100
14) Allyl chloride	2.928	41	233309	44.067	ug/l	98
15) Acrylonitrile	3.321	53	496267	245.875	ug/l	99
16) Acetone	2.633	43	428401	202.442	ug/l	100
17) Carbon Disulfide	2.797	76	402195	46.603	ug/l	99
18) Methyl Acetate	2.954	43	228083	48.876	ug/l	97
19) Methyl tert-butyl Ether	3.372	73	426558	53.783	ug/l	99
20) Methylene Chloride	3.051	84	166679	52.608	ug/l	95
21) trans-1,2-Dichloroethene	3.359	96	146875	50.535	ug/l	96
22) Diisopropyl ether	4.002	45	453660	50.385	ug/l	98
23) Vinyl Acetate	3.964	43	2155295	253.807	ug/l	98
24) 1,1-Dichloroethane	3.877	63	284868	48.346	ug/l	100
25) 2-Butanone	4.713	43	723865	239.747	ug/l	98
26) 2,2-Dichloropropane	4.674	77	123512	29.229	ug/l	96
27) cis-1,2-Dichloroethene	4.674	96	164082	51.052	ug/l	93
28) Bromochloromethane	4.983	49	144530	48.158	ug/l	93
29) Tetrahydrofuran	5.057	42	415250	247.758	ug/l	97
30) Chloroform	5.096	83	279168	49.257	ug/l	99
31) Cyclohexane	5.395	56	231733	45.788	ug/l	98
32) 1,1,1-Trichloroethane	5.324	97	228060	50.071	ug/l	98
36) 1,1-Dichloropropene	5.533	75	207628	46.753	ug/l	98
37) Ethyl Acetate	4.813	43	261270	46.701	ug/l	98
38) Carbon Tetrachloride	5.533	117	189397	47.200	ug/l	99
39) Methylcyclohexane	6.771	83	210635	45.911	ug/l	97
40) Benzene	5.780	78	639013	47.738	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	143374	48.747	ug/l	98
42) 1,2-Dichloroethane	5.803	62	220953	46.245	ug/l	98
43) Isopropyl Acetate	5.919	43	383173	48.435	ug/l	98
44) Trichloroethene	6.549	130	143780	48.613	ug/l	96
45) 1,2-Dichloropropane	6.800	63	170389	46.642	ug/l	96
46) Dibromomethane	6.925	93	111235	47.878	ug/l	98
47) Bromodichloromethane	7.115	83	221464	47.953	ug/l	99
48) Methyl methacrylate	6.967	41	193528	49.612	ug/l	97
49) 1,4-Dioxane	6.976	88	98230	1024.222	ug/l	98
51) 4-Methyl-2-Pentanone	7.803	43	1513481	257.613	ug/l	98
52) Toluene	7.976	92	391959	50.177	ug/l	100
53) t-1,3-Dichloropropene	8.218	75	229023	46.570	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	248726	45.799	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	168942	50.995	ug/l	100
56) Ethyl methacrylate	8.343	69	282816	48.160	ug/l	96
57) 1,3-Dichloropropane	8.584	76	297606	49.763	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	453349	263.620	ug/l	97
59) 2-Hexanone	8.693	43	1191501	260.981	ug/l	97
60) Dibromochloromethane	8.819	129	173834	52.661	ug/l	98
61) 1,2-Dibromoethane	8.931	107	175416	51.720	ug/l	100
64) Tetrachloroethene	8.558	164	120356	46.473	ug/l	99
65) Chlorobenzene	9.452	112	416712	49.022	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	152506	50.813	ug/l	99
67) Ethyl Benzene	9.578	91	767812	49.723	ug/l	100
68) m/p-Xylenes	9.700	106	592309	103.501	ug/l	98
69) o-Xylene	10.108	106	289564	52.822	ug/l	99
70) Styrene	10.121	104	522103	55.660	ug/l	99
71) Bromoform	10.298	173	136050	51.952	ug/l #	100
73) Isopropylbenzene	10.491	105	779196	51.564	ug/l	100
74) N-amyl acetate	10.330	43	348090	50.315	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	333455	48.552	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	315090m	50.160	ug/l	
77) Bromobenzene	10.790	156	189733	52.103	ug/l	97
78) n-propylbenzene	10.912	91	961834	49.332	ug/l	99
79) 2-Chlorotoluene	10.992	91	582990	49.872	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	699361	52.008	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	87980	40.896	ug/l	98
82) 4-Chlorotoluene	11.105	91	686911	50.207	ug/l	99
83) tert-Butylbenzene	11.426	119	658421	52.727	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	709622	48.944	ug/l	100
85) sec-Butylbenzene	11.652	105	841310	51.639	ug/l	99
86) p-Isopropyltoluene	11.799	119	723317	52.248	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	359282	49.507	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	364139	47.515	ug/l	99
89) n-Butylbenzene	12.214	91	646721	46.211	ug/l	99
90) Hexachloroethane	12.481	117	114979	48.439	ug/l	95
91) 1,2-Dichlorobenzene	12.217	146	360417	50.032	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	70642	46.927	ug/l	96
93) 1,2,4-Trichlorobenzene	13.848	180	207457	49.167	ug/l	99
94) Hexachlorobutadiene	14.028	225	111647	46.413	ug/l	100
95) Naphthalene	14.092	128	693964	45.585	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	211333	51.993	ug/l	99

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

