

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060821\
 Data File : VU044087.D
 Acq On : 08 Jun 2021 04:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 9:33:26 AM

Quant Time: Jun 08 23:06:05 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	210750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	392235	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	387498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	215503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	177501	48.361	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.720%	
35) Dibromofluoromethane	5.298	113	133795	47.800	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.600%	
50) Toluene-d8	7.906	98	523097	48.450	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.900%	
62) 4-Bromofluorobenzene	10.639	95	216674	50.689	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.380%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	152463	48.553	ug/l	99
3) Chloromethane	1.523	50	192189	49.503	ug/l	99
4) Vinyl Chloride	1.610	62	181443	46.498	ug/l	100
5) Bromomethane	1.835	94	59449	36.748	ug/l	99
6) Chloroethane	1.916	64	112437	47.118	ug/l	99
7) Trichlorofluoromethane	2.131	101	213983	47.711	ug/l	98
8) Diethyl Ether	2.382	74	92727	48.044	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	125114	46.135	ug/l	99
10) Methyl Iodide	2.726	142	163729	51.791	ug/l	99
11) Tert butyl alcohol	3.211	59	240528	264.331	ug/l	98
12) 1,1-Dichloroethene	2.581	96	128521	49.548	ug/l	98
13) Acrolein	2.491	56	143359	200.388	ug/l	100
14) Allyl chloride	2.925	41	243289	45.904	ug/l	99
15) Acrylonitrile	3.321	53	505136	250.009	ug/l	100
16) Acetone	2.633	43	435136	205.411	ug/l	99
17) Carbon Disulfide	2.793	76	406306	47.030	ug/l	100
18) Methyl Acetate	2.954	43	233554	49.997	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	423765	53.375	ug/l	99
20) Methylene Chloride	3.051	84	165325	52.110	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	145098	49.871	ug/l	95
22) Diisopropyl ether	4.002	45	457479	50.757	ug/l	99
23) Vinyl Acetate	3.964	43	2192096	257.873	ug/l	98
24) 1,1-Dichloroethane	3.877	63	284840	48.291	ug/l	100
25) 2-Butanone	4.710	43	738868	244.461	ug/l	98
26) 2,2-Dichloropropane	4.674	77	164027	38.777	ug/l	98
27) cis-1,2-Dichloroethene	4.674	96	162991	50.659	ug/l	96
28) Bromochloromethane	4.980	49	139113	46.305	ug/l	94
29) Tetrahydrofuran	5.057	42	422326	251.718	ug/l	97
30) Chloroform	5.095	83	276376	48.714	ug/l	99
31) Cyclohexane	5.394	56	235114	46.408	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	226034	49.574	ug/l	98
36) 1,1-Dichloropropene	5.533	75	208715	47.231	ug/l	99
37) Ethyl Acetate	4.809	43	266042	47.791	ug/l	98
38) Carbon Tetrachloride	5.533	117	188688	47.258	ug/l	98
39) Methylcyclohexane	6.771	83	211567	46.344	ug/l	97
40) Benzene	5.780	78	635761	47.732	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	143980	49.197	ug/l	98
42) 1,2-Dichloroethane	5.803	62	221809	46.656	ug/l	98
43) Isopropyl Acetate	5.919	43	383341	48.698	ug/l	98
44) Trichloroethene	6.549	130	141488	48.076	ug/l	98
45) 1,2-Dichloropropane	6.800	63	172155	47.360	ug/l	98
46) Dibromomethane	6.925	93	110146	47.646	ug/l	99
47) Bromodichloromethane	7.111	83	216888	47.196	ug/l	100
48) Methyl methacrylate	6.967	41	192300	49.543	ug/l	97
49) 1,4-Dioxane	6.973	88	103567	1085.247	ug/l	99
51) 4-Methyl-2-Pentanone	7.800	43	1506706	257.737	ug/l	99
52) Toluene	7.976	92	386674	49.746	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	237717	48.579	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	255916	47.357	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	161243	48.913	ug/l	100
56) Ethyl methacrylate	8.340	69	274973	47.135	ug/l	97
57) 1,3-Dichloropropane	8.581	76	290229	48.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	442316	258.861	ug/l	99
59) 2-Hexanone	8.693	43	1196652	263.414	ug/l	98
60) Dibromochloromethane	8.819	129	162290	49.408	ug/l	99
61) 1,2-Dibromoethane	8.931	107	169128	50.115	ug/l	99
64) Tetrachloroethene	8.558	164	124342	49.980	ug/l	98
65) Chlorobenzene	9.452	112	402927	49.343	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	143298	49.702	ug/l	99
67) Ethyl Benzene	9.578	91	750441	50.590	ug/l	100
68) m/p-Xylenes	9.700	106	571495	103.957	ug/l	100
69) o-Xylene	10.108	106	275966	52.404	ug/l	100
70) Styrene	10.121	104	494425	54.870	ug/l	100
71) Bromoform	10.298	173	129396	51.436	ug/l #	99
73) Isopropylbenzene	10.491	105	744401	51.331	ug/l	100
74) N-amyl acetate	10.327	43	351834	52.993	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.790	83	319253	48.436	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	311897m	51.737	ug/l	
77) Bromobenzene	10.790	156	177939	50.917	ug/l	99
78) n-propylbenzene	10.912	91	931861	49.802	ug/l	98
79) 2-Chlorotoluene	10.992	91	556770	49.630	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	670689	51.971	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	93105	45.096	ug/l	100
82) 4-Chlorotoluene	11.102	91	662282	50.441	ug/l	99
83) tert-Butylbenzene	11.426	119	619184	51.667	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	685536	49.262	ug/l	100
85) sec-Butylbenzene	11.651	105	806763	51.598	ug/l	99
86) p-Isopropyltoluene	11.799	119	697020	52.463	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	347641	49.915	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	350092	47.601	ug/l	99
89) n-Butylbenzene	12.214	91	653397	48.649	ug/l	100
90) Hexachloroethane	12.481	117	107330	47.116	ug/l	96
91) 1,2-Dichlorobenzene	12.221	146	346362	50.100	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	13.002	75	71011	49.153	ug/l	97
93) 1,2,4-Trichlorobenzene	13.848	180	207743	51.303	ug/l	100
94) Hexachlorobutadiene	14.028	225	109992	47.646	ug/l	100
95) Naphthalene	14.092	128	713899	48.659	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	209331	53.664	ug/l	100

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

