

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102221\
 Data File : VU045355.D
 Acq On : 22 Oct 2021 11:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 10:26:41 AM

Quant Time: Oct 22 15:10:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	174272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	316742	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	298413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	143585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	139903	48.226	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.460%
35) Dibromofluoromethane	5.295	113	102528	51.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.620%
50) Toluene-d8	7.902	98	386212	48.919	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	10.639	95	149424	45.844	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	126111	58.438	ug/l	98
3) Chloromethane	1.520	50	153441	54.892	ug/l	99
4) Vinyl Chloride	1.604	62	153733	55.080	ug/l	99
5) Bromomethane	1.851	94	65974	60.259	ug/l	100
6) Chloroethane	1.922	64	44986	20.981	ug/l	97
7) Trichlorofluoromethane	2.128	101	179529	48.707	ug/l	99
8) Diethyl Ether	2.378	74	86951	51.474	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.578	101	111716	53.294	ug/l	98
10) Methyl Iodide	2.723	142	147025	65.714	ug/l	95
11) Tert butyl alcohol	3.292	59	224326m	269.430	ug/l	
12) 1,1-Dichloroethene	2.578	96	107892	52.217	ug/l	95
13) Acrolein	2.491	56	37426	230.787	ug/l	99
14) Allyl chloride	2.922	41	212719	55.630	ug/l	96
15) Acrylonitrile	3.321	53	474577	282.630	ug/l	99
16) Acetone	2.636	43	486373	282.453	ug/l	98
17) Carbon Disulfide	2.790	76	307792	50.463	ug/l	99
18) Methyl Acetate	2.951	43	309651	61.527	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	436184	54.686	ug/l	99
20) Methylene Chloride	3.047	84	134603	51.897	ug/l	94
21) trans-1,2-Dichloroethene	3.353	96	117678	52.063	ug/l	96
22) Diisopropyl ether	3.996	45	427009	54.698	ug/l	99
23) Vinyl Acetate	3.960	43	1718111	270.600	ug/l	98
24) 1,1-Dichloroethane	3.870	63	236416	52.753	ug/l	100
25) 2-Butanone	4.710	43	682615	279.016	ug/l	97
26) 2,2-Dichloropropane	4.668	77	193974	51.195	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	140588	52.664	ug/l	97
28) Bromochloromethane	4.976	49	93189	50.169	ug/l	96
29) Tetrahydrofuran	5.057	42	415316	285.176	ug/l	96
30) Chloroform	5.092	83	233042	51.593	ug/l	100
31) Cyclohexane	5.391	56	224871	51.030	ug/l	97
32) 1,1,1-Trichloroethane	5.320	97	190252	51.048	ug/l	97
36) 1,1-Dichloropropene	5.529	75	170011	51.326	ug/l	99
37) Ethyl Acetate	4.806	43	241464	55.095	ug/l	98
38) Carbon Tetrachloride	5.526	117	151842	52.976	ug/l	97
39) Methylcyclohexane	6.767	83	218883	53.828	ug/l	97
40) Benzene	5.777	78	517234	52.429	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	125580	55.659	ug/l	97
42) 1,2-Dichloroethane	5.796	62	194039	50.042	ug/l	99
43) Isopropyl Acetate	5.915	43	348462	52.849	ug/l	97
44) Trichloroethene	6.546	130	119354	51.313	ug/l	98
45) 1,2-Dichloropropane	6.793	63	139806	53.452	ug/l	98
46) Dibromomethane	6.922	93	93899	53.292	ug/l	99
47) Bromodichloromethane	7.111	83	182381	53.310	ug/l	100
48) Methyl methacrylate	6.964	41	165861	51.680	ug/l	94
49) 1,4-Dioxane	7.002	88	92657	1139.714	ug/l #	80
51) 4-Methyl-2-Pentanone	7.799	43	1226558	255.527	ug/l	97
52) Toluene	7.973	92	318427	51.572	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	210697	53.856	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	225165	55.254	ug/l	95
55) 1,1,2-Trichloroethane	8.404	97	133780	52.000	ug/l	99
56) Ethyl methacrylate	8.340	69	236471	47.435	ug/l	94
57) 1,3-Dichloropropane	8.581	76	235753	51.347	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	413629	258.268	ug/l	98
59) 2-Hexanone	8.693	43	997455	255.175	ug/l	96
60) Dibromochloromethane	8.816	129	131607	48.322	ug/l	99
61) 1,2-Dibromoethane	8.928	107	142080	51.955	ug/l	100
64) Tetrachloroethene	8.558	164	100203	51.448	ug/l	96
65) Chlorobenzene	9.452	112	322651	51.571	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	115047	52.670	ug/l	99
67) Ethyl Benzene	9.574	91	603421	52.413	ug/l	100
68) m/p-Xylenes	9.697	106	461735	103.233	ug/l	99
69) o-Xylene	10.105	106	226741	51.078	ug/l	99
70) Styrene	10.118	104	388702	52.195	ug/l	100
71) Bromoform	10.298	173	98889	47.284	ug/l #	99
73) Isopropylbenzene	10.487	105	583001	54.524	ug/l	99
74) N-amyl acetate	10.327	43	309826	57.546	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	247361	53.466	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	241358m	57.629	ug/l	
77) Bromobenzene	10.787	156	136148	52.730	ug/l	98
78) n-propylbenzene	10.909	91	719282	55.201	ug/l	100
79) 2-Chlorotoluene	10.992	91	435072	53.267	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	505324	53.946	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	86016	56.997	ug/l	94
82) 4-Chlorotoluene	11.102	91	495013	53.619	ug/l	100
83) tert-Butylbenzene	11.426	119	481066	52.800	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	512761	55.331	ug/l	100
85) sec-Butylbenzene	11.648	105	636943	54.285	ug/l	100
86) p-Isopropyltoluene	11.796	119	524529	55.575	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	260795	52.744	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	261812	51.761	ug/l	99
89) n-Butylbenzene	12.214	91	497922	57.277	ug/l	99
90) Hexachloroethane	12.481	117	94021	55.165	ug/l	100
91) 1,2-Dichlorobenzene	12.217	146	264596	52.349	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	62485	57.240	ug/l	100
93) 1,2,4-Trichlorobenzene	13.844	180	170242	60.438	ug/l	99
94) Hexachlorobutadiene	14.024	225	67596	57.487	ug/l	98
95) Naphthalene	14.089	128	649356	61.293	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	172981	61.147	ug/l	99

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

