

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044885.D
 Acq On : 27 Sep 2021 12:20
 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
 9/28/2021 7:04:46 PM

Quant Time: Sep 27 16:47:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	157227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	277592	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	264605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	137410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	118880	43.323	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.640%	
35) Dibromofluoromethane	5.295	113	85246	44.764	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.520%	
50) Toluene-d8	7.902	98	330414	45.941	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.880%	
62) 4-Bromofluorobenzene	10.636	95	130550	48.871	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.740%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	106482	56.549	ug/l	100
3) Chloromethane	1.520	50	126691	44.333	ug/l	99
4) Vinyl Chloride	1.607	62	135219	50.699	ug/l	100
5) Bromomethane	1.845	94	59695	45.630	ug/l	98
6) Chloroethane	1.919	64	90438	50.534	ug/l	99
7) Trichlorofluoromethane	2.131	101	175503	53.582	ug/l	99
8) Diethyl Ether	2.379	74	80343	53.583	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.578	101	100913	52.757	ug/l	99
10) Methyl Iodide	2.723	142	107255	51.601	ug/l	97
11) Tert butyl alcohol	3.266	59	176426m	220.282	ug/l	
12) 1,1-Dichloroethene	2.578	96	100839	53.268	ug/l	95
13) Acrolein	2.491	56	57406	265.412	ug/l	99
14) Allyl chloride	2.925	41	186145	50.660	ug/l	97
15) Acrylonitrile	3.321	53	390903	233.653	ug/l	100
16) Acetone	2.636	43	576425	372.409	ug/l	100
17) Carbon Disulfide	2.793	76	292683	54.959	ug/l	100
18) Methyl Acetate	2.951	43	230591	44.593	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	383700	54.279	ug/l	100
20) Methylene Chloride	3.047	84	118702	47.375	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	107893	53.231	ug/l	97
22) Diisopropyl ether	3.999	45	374154	51.537	ug/l	99
23) Vinyl Acetate	3.961	43	1561398	262.262	ug/l	97
24) 1,1-Dichloroethane	3.874	63	215541	51.150	ug/l	100
25) 2-Butanone	4.710	43	658511	280.393	ug/l	97
26) 2,2-Dichloropropane	4.671	77	183863	58.182	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	127726	51.813	ug/l	100
28) Bromochloromethane	4.980	49	79134	39.518	ug/l	95
29) Tetrahydrofuran	5.057	42	341857	231.374	ug/l	97
30) Chloroform	5.092	83	212180	50.077	ug/l	99
31) Cyclohexane	5.391	56	200581	50.914	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	176383	51.522	ug/l	100
36) 1,1-Dichloropropene	5.530	75	161219	54.738	ug/l	99
37) Ethyl Acetate	4.809	43	206233	47.721	ug/l	98
38) Carbon Tetrachloride	5.530	117	140117	53.213	ug/l	99
39) Methylcyclohexane	6.768	83	203301	61.030	ug/l	97
40) Benzene	5.777	78	472611	52.631	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	108391	50.247	ug/l	98
42) 1,2-Dichloroethane	5.800	62	186406	52.765	ug/l	99
43) Isopropyl Acetate	5.919	43	313539	51.858	ug/l	99
44) Trichloroethene	6.546	130	111735	51.773	ug/l	99
45) 1,2-Dichloropropane	6.796	63	125052	51.456	ug/l	98
46) Dibromomethane	6.922	93	84051	52.194	ug/l	99
47) Bromodichloromethane	7.112	83	165626	52.141	ug/l	100
48) Methyl methacrylate	6.967	41	150527	52.747	ug/l	96
49) 1,4-Dioxane	6.989	88	72953	1000.252	ug/l	97
51) 4-Methyl-2-Pentanone	7.800	43	1084414	251.658	ug/l	98
52) Toluene	7.973	92	296481	55.224	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	193778	58.554	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	206502	57.619	ug/l	97
55) 1,1,2-Trichloroethane	8.404	97	119487	52.056	ug/l	98
56) Ethyl methacrylate	8.340	69	213084	52.036	ug/l	99
57) 1,3-Dichloropropane	8.581	76	213318	52.191	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	303310	302.927	ug/l	98
59) 2-Hexanone	8.693	43	963671	278.611	ug/l	98
60) Dibromochloromethane	8.816	129	118147	53.751	ug/l	99
61) 1,2-Dibromoethane	8.928	107	129508	53.735	ug/l	99
64) Tetrachloroethene	8.558	164	96661	53.894	ug/l	99
65) Chlorobenzene	9.452	112	299488	54.521	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	104892	53.536	ug/l	99
67) Ethyl Benzene	9.574	91	567578	57.889	ug/l	100
68) m/p-Xylenes	9.697	106	434367	115.833	ug/l	98
69) o-Xylene	10.105	106	212629	58.639	ug/l	97
70) Styrene	10.118	104	362402	53.403	ug/l	99
71) Bromoform	10.298	173	90024	55.531	ug/l #	99
73) Isopropylbenzene	10.488	105	557589	57.173	ug/l	100
74) N-amyl acetate	10.327	43	291368	58.615	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	230529	51.884	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	222097m	53.376	ug/l	
77) Bromobenzene	10.787	156	128474	55.139	ug/l	100
78) n-propylbenzene	10.909	91	695045	58.815	ug/l	100
79) 2-Chlorotoluene	10.989	91	405120	56.249	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	491314	59.473	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	78365	61.009	ug/l	97
82) 4-Chlorotoluene	11.102	91	475562	57.998	ug/l	100
83) tert-Butylbenzene	11.423	119	462398	58.022	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	488856	60.024	ug/l	100
85) sec-Butylbenzene	11.648	105	621137	60.274	ug/l	100
86) p-Isopropyltoluene	11.796	119	511835	61.053	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	252434	55.828	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	256744	54.907	ug/l	99
89) n-Butylbenzene	12.214	91	492000	56.797	ug/l	99
90) Hexachloroethane	12.481	117	85527	56.616	ug/l	97
91) 1,2-Dichlorobenzene	12.217	146	258513	53.950	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	58834	54.608	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	160379	60.572	ug/l	99
94) Hexachlorobutadiene	14.028	225	65187	55.342	ug/l	99
95) Naphthalene	14.089	128	591791	56.034	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	159089	59.088	ug/l	99

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

