

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044829.D
 Acq On : 25 Sep 2021 12:12
 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
 9/27/2021 11:02:55 AM

Quant Time: Sep 27 01:28:17 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	159253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	282895	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	269865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	137105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	135740	48.838	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.680%	
35) Dibromofluoromethane	5.295	113	95182	49.045	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.080%	
50) Toluene-d8	7.903	98	369293	50.384	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.760%	
62) 4-Bromofluorobenzene	10.636	95	138016	50.697	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	92888	48.702	ug/l	98
3) Chloromethane	1.520	50	125882	43.490	ug/l	100
4) Vinyl Chloride	1.607	62	125967	46.629	ug/l	99
5) Bromomethane	1.851	94	72462	55.704	ug/l	99
6) Chloroethane	1.928	64	89409	49.315	ug/l	99
7) Trichlorofluoromethane	2.137	101	164871	49.695	ug/l	98
8) Diethyl Ether	2.382	74	74578	49.106	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.584	101	96142	49.623	ug/l	98
10) Methyl Iodide	2.726	142	97029	46.088	ug/l	99
11) Tert butyl alcohol	3.221	59	164815	203.166	ug/l #	84
12) 1,1-Dichloroethene	2.584	96	90079	46.978	ug/l	96
13) Acrolein	2.491	56	60939	278.174	ug/l	97
14) Allyl chloride	2.928	41	172702	46.403	ug/l	98
15) Acrylonitrile	3.321	53	394691	232.916	ug/l	99
16) Acetone	2.636	43	363239	231.691	ug/l	99
17) Carbon Disulfide	2.797	76	243010	45.051	ug/l	100
18) Methyl Acetate	2.954	43	236449	45.144	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	349120	48.759	ug/l	99
20) Methylene Chloride	3.051	84	113416	44.690	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	98527	47.991	ug/l	98
22) Diisopropyl ether	3.999	45	353874	48.123	ug/l	94
23) Vinyl Acetate	3.964	43	1472661	244.210	ug/l	99
24) 1,1-Dichloroethane	3.877	63	207014	48.501	ug/l	100
25) 2-Butanone	4.710	43	549175	230.863	ug/l	99
26) 2,2-Dichloropropane	4.671	77	157974	49.354	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	117575	47.088	ug/l	99
28) Bromochloromethane	4.980	49	98637	48.630	ug/l	99
29) Tetrahydrofuran	5.057	42	341027	227.876	ug/l	97
30) Chloroform	5.096	83	201717	47.002	ug/l	100
31) Cyclohexane	5.395	56	180632	45.267	ug/l	100
32) 1,1,1-Trichloroethane	5.321	97	164320	47.388	ug/l	99
36) 1,1-Dichloropropene	5.533	75	146483	48.802	ug/l	100
37) Ethyl Acetate	4.809	43	204404	46.411	ug/l	99
38) Carbon Tetrachloride	5.530	117	129378	48.214	ug/l	98
39) Methylcyclohexane	6.768	83	174293	51.341	ug/l	98
40) Benzene	5.780	78	438827	47.953	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	105942	48.192	ug/l	98
42) 1,2-Dichloroethane	5.800	62	173516	48.196	ug/l	99
43) Isopropyl Acetate	5.919	43	295051	47.885	ug/l	100
44) Trichloroethene	6.546	130	102402	46.559	ug/l	98
45) 1,2-Dichloropropane	6.796	63	119257	48.152	ug/l	98
46) Dibromomethane	6.922	93	79877	48.673	ug/l	100
47) Bromodichloromethane	7.112	83	157426	48.631	ug/l	99
48) Methyl methacrylate	6.964	41	140903	48.449	ug/l	97
49) 1,4-Dioxane	6.989	88	70062	942.607	ug/l	97
51) 4-Methyl-2-Pentanone	7.796	43	1039300	236.667	ug/l	99
52) Toluene	7.973	92	271386	49.602	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	171522	50.858	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	183870	50.342	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	113137	48.366	ug/l	99
56) Ethyl methacrylate	8.337	69	188830	45.495	ug/l	99
57) 1,3-Dichloropropane	8.581	76	201934	48.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	201256	205.359	ug/l	99
59) 2-Hexanone	8.690	43	822781	233.419	ug/l	99
60) Dibromochloromethane	8.816	129	108450	48.414	ug/l	99
61) 1,2-Dibromoethane	8.928	107	119417	48.619	ug/l	99
64) Tetrachloroethene	8.558	164	91037	49.769	ug/l	98
65) Chlorobenzene	9.449	112	273583	48.834	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	97389	48.738	ug/l	98
67) Ethyl Benzene	9.574	91	517470	51.750	ug/l	99
68) m/p-Xylenes	9.697	106	402823	105.327	ug/l	100
69) o-Xylene	10.105	106	193624	52.357	ug/l	99
70) Styrene	10.118	104	331147	47.952	ug/l	99
71) Bromoform	10.295	173	76719	46.401	ug/l #	100
73) Isopropylbenzene	10.488	105	505715	51.969	ug/l	100
74) N-amyl acetate	10.324	43	244068	49.209	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	205734	46.407	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	203608m	49.041	ug/l	
77) Bromobenzene	10.787	156	113841	48.967	ug/l	98
78) n-propylbenzene	10.909	91	626226	53.110	ug/l	100
79) 2-Chlorotoluene	10.989	91	366566	51.009	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	441021	53.504	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	64952	50.679	ug/l	99
82) 4-Chlorotoluene	11.099	91	427923	52.304	ug/l	99
83) tert-Butylbenzene	11.423	119	409128	51.452	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	434663	53.489	ug/l	100
85) sec-Butylbenzene	11.648	105	551536	53.639	ug/l	99
86) p-Isopropyltoluene	11.796	119	453566	54.223	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	220474	48.868	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	223419	47.886	ug/l	99
89) n-Butylbenzene	12.211	91	427789	49.658	ug/l	99
90) Hexachloroethane	12.481	117	74133	49.183	ug/l	97
91) 1,2-Dichlorobenzene	12.217	146	223987	46.849	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	51338	47.757	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	132451	50.135	ug/l	100
94) Hexachlorobutadiene	14.024	225	55858	47.527	ug/l	99
95) Naphthalene	14.089	128	482980	46.005	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	135647	50.493	ug/l	100

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

