

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044927.D
 Acq On : 28 Sep 2021 07:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/28/2021 1:35:30 PM

Quant Time: Sep 28 09:03:40 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	5.375	168	142361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	263859	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	266191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	137205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	114938	46.260	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.520%	
35) Dibromofluoromethane	5.292	113	81775	45.177	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.360%	
50) Toluene-d8	7.899	98	313545	45.864	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.720%	
62) 4-Bromofluorobenzene	10.639	95	138093	54.385	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.760%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	89787	52.662	ug/l	98
3) Chloromethane	1.517	50	106555	41.181	ug/l	100
4) Vinyl Chloride	1.607	62	112253	46.483	ug/l	100
5) Bromomethane	1.829	94	40956	33.331	ug/l	100
6) Chloroethane	1.896	64	39607	24.250	ug/l	100
7) Trichlorofluoromethane	2.115	101	150501	50.747	ug/l	100
8) Diethyl Ether	2.375	74	70711	52.084	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.568	101	84055	48.532	ug/l	99
10) Methyl Iodide	2.716	142	93518	49.691	ug/l	96
11) Tert butyl alcohol	3.260	59	175719	242.309	ug/l	100
12) 1,1-Dichloroethene	2.568	96	86007	50.177	ug/l	96
13) Acrolein	2.488	56	49707	253.803	ug/l	97
14) Allyl chloride	2.919	41	152931	45.967	ug/l	97
15) Acrylonitrile	3.318	53	354562	234.062	ug/l	99
16) Acetone	2.633	43	308215	219.921	ug/l	99
17) Carbon Disulfide	2.784	76	245801	50.975	ug/l	100
18) Methyl Acetate	2.948	43	234418	50.066	ug/l	97
19) Methyl tert-butyl Ether	3.366	73	336340	52.547	ug/l	99
20) Methylene Chloride	3.041	84	105218	46.379	ug/l	96
21) trans-1,2-Dichloroethene	3.350	96	93974	51.205	ug/l	96
22) Diisopropyl ether	3.996	45	326218	49.626	ug/l	98
23) Vinyl Acetate	3.957	43	1361767	252.616	ug/l	98
24) 1,1-Dichloroethane	3.867	63	187667	49.186	ug/l	100
25) 2-Butanone	4.710	43	497939	234.162	ug/l	98
26) 2,2-Dichloropropane	4.665	77	108350	37.867	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	111341	49.882	ug/l	96
28) Bromochloromethane	4.977	49	74962	41.343	ug/l	94
29) Tetrahydrofuran	5.054	42	309849	231.610	ug/l	95
30) Chloroform	5.089	83	187381	48.843	ug/l	98
31) Cyclohexane	5.385	56	172672	48.407	ug/l	96
32) 1,1,1-Trichloroethane	5.317	97	155085	50.031	ug/l	99
36) 1,1-Dichloropropene	5.526	75	138428	49.446	ug/l	99
37) Ethyl Acetate	4.806	43	182137	44.339	ug/l	97
38) Carbon Tetrachloride	5.523	117	122311	48.869	ug/l	98
39) Methylcyclohexane	6.764	83	165075	52.133	ug/l	97
40) Benzene	5.774	78	410580	48.103	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	94547	46.111	ug/l	94
42) 1,2-Dichloroethane	5.797	62	161886	48.210	ug/l	100
43) Isopropyl Acetate	5.915	43	282694	49.189	ug/l	98
44) Trichloroethene	6.542	130	96298	46.943	ug/l	98
45) 1,2-Dichloropropane	6.793	63	109068	47.215	ug/l	97
46) Dibromomethane	6.922	93	74979	48.984	ug/l	100
47) Bromodichloromethane	7.108	83	147272	48.776	ug/l	98
48) Methyl methacrylate	6.967	41	139361	51.376	ug/l	95
49) 1,4-Dioxane	6.977	88	73698	1063.058	ug/l	93
51) 4-Methyl-2-Pentanone	7.806	43	1065804	260.212	ug/l	99
52) Toluene	7.973	92	258570	50.669	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	163837	52.084	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	167888	49.283	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	111663	51.180	ug/l	98
56) Ethyl methacrylate	8.340	69	206133	52.926	ug/l	98
57) 1,3-Dichloropropane	8.581	76	196398	50.553	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	318758	332.466	ug/l	97
59) 2-Hexanone	8.697	43	852400	259.267	ug/l	98
60) Dibromochloromethane	8.816	129	110768	53.017	ug/l	100
61) 1,2-Dibromoethane	8.928	107	118803	51.859	ug/l	99
64) Tetrachloroethene	8.555	164	82035	45.466	ug/l	98
65) Chlorobenzene	9.452	112	275467	49.849	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	100587	51.033	ug/l	98
67) Ethyl Benzene	9.575	91	511279	51.836	ug/l	99
68) m/p-Xylenes	9.697	106	393114	104.208	ug/l	98
69) o-Xylene	10.105	106	200296	54.909	ug/l	99
70) Styrene	10.118	104	344348	50.496	ug/l	99
71) Bromoform	10.298	173	88290	54.137	ug/l #	99
73) Isopropylbenzene	10.488	105	521333	53.535	ug/l	100
74) N-amyl acetate	10.327	43	269213	54.239	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.790	83	221750	49.983	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	211490m	50.903	ug/l	
77) Bromobenzene	10.787	156	124253	53.407	ug/l	100
78) n-propylbenzene	10.909	91	635700	53.874	ug/l	100
79) 2-Chlorotoluene	10.989	91	388645	54.042	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	460012	55.768	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	66070	51.514	ug/l	98
82) 4-Chlorotoluene	11.102	91	448081	54.728	ug/l	100
83) tert-Butylbenzene	11.423	119	450289	56.587	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	461475	56.747	ug/l	100
85) sec-Butylbenzene	11.648	105	575916	55.969	ug/l	99
86) p-Isopropyltoluene	11.796	119	470773	56.239	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	232649	51.529	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	233269	49.961	ug/l	98
89) n-Butylbenzene	12.211	91	413127	47.966	ug/l	99
90) Hexachloroethane	12.481	117	85165	56.460	ug/l	96
91) 1,2-Dichlorobenzene	12.217	146	234972	49.110	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	52194	48.518	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	129678	49.050	ug/l	99
94) Hexachlorobutadiene	14.025	225	51939	44.161	ug/l	99
95) Naphthalene	14.089	128	508802	48.379	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	131940	49.077	ug/l	99

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

