

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044823.D
 Acq On : 24 Sep 2021 20:53
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:02:41 AM

Quant Time: Sep 25 00:58:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 00:57:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	158901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	283169	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	269946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	136831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	137038	53.006	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.020%	
35) Dibromofluoromethane	5.295	113	95918	48.835	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.680%	
50) Toluene-d8	7.902	98	367921	48.791	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.580%	
62) 4-Bromofluorobenzene	10.636	95	133029	44.787	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.580%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	97562	44.213	ug/l	100
3) Chloromethane	1.520	50	136623	45.751	ug/l	100
4) Vinyl Chloride	1.607	62	133417	49.362	ug/l	100
5) Bromomethane	1.848	94	65571	58.314	ug/l	100
6) Chloroethane	1.928	64	88335	50.745	ug/l	100
7) Trichlorofluoromethane	2.137	101	164571	50.460	ug/l	100
8) Diethyl Ether	2.379	74	76606	56.200	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	97060	49.050	ug/l	100
10) Methyl Iodide	2.726	142	111776	50.023	ug/l	100
11) Tert butyl alcohol	3.205	59	193657	273.313	ug/l	100
12) 1,1-Dichloroethene	2.581	96	95052	48.374	ug/l	100
13) Acrolein	2.491	56	54457	148.644	ug/l	100
14) Allyl chloride	2.925	41	187531	50.785	ug/l	100
15) Acrylonitrile	3.321	53	431719	295.431	ug/l	100
16) Acetone	2.633	43	377099	248.024	ug/l	100
17) Carbon Disulfide	2.797	76	265444	42.842	ug/l	100
18) Methyl Acetate	2.951	43	258619	72.195	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	368221	59.351	ug/l	100
20) Methylene Chloride	3.051	84	119189	46.203	ug/l	100
21) trans-1,2-Dichloroethene	3.356	96	103710	48.013	ug/l	100
22) Diisopropyl ether	3.999	45	379242	58.349	ug/l	100
23) Vinyl Acetate	3.961	43	1582962	263.485	ug/l	100
24) 1,1-Dichloroethane	3.877	63	215708	50.937	ug/l	100
25) 2-Butanone	4.710	43	609256	280.257	ug/l	100
26) 2,2-Dichloropropane	4.671	77	159419	48.160	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	123590	50.675	ug/l	100
28) Bromochloromethane	4.980	49	101593	50.436	ug/l	100
29) Tetrahydrofuran	5.054	42	388715	320.588	ug/l	100
30) Chloroform	5.092	83	210377	50.864	ug/l	100
31) Cyclohexane	5.395	56	192556	52.473	ug/l	100
32) 1,1,1-Trichloroethane	5.321	97	173231	50.494	ug/l	100
36) 1,1-Dichloropropene	5.530	75	152856	48.487	ug/l	100
37) Ethyl Acetate	4.809	43	221224	56.806	ug/l	100
38) Carbon Tetrachloride	5.530	117	139707	49.060	ug/l	100
39) Methylcyclohexane	6.768	83	179440	52.616	ug/l	100
40) Benzene	5.777	78	460770	49.252	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	116342	58.550	ug/l	100
42) 1,2-Dichloroethane	5.800	62	178918	53.164	ug/l	100
43) Isopropyl Acetate	5.915	43	312805	56.842	ug/l	100
44) Trichloroethene	6.546	130	106944	49.509	ug/l	100
45) 1,2-Dichloropropane	6.796	63	129301	50.360	ug/l	100
46) Dibromomethane	6.922	93	83511	50.549	ug/l	100
47) Bromodichloromethane	7.112	83	165315	50.925	ug/l	100
48) Methyl methacrylate	6.964	41	152845	57.176	ug/l	100
49) 1,4-Dioxane	6.980	88	80075	1149.103	ug/l	100
51) 4-Methyl-2-Pentanone	7.796	43	1135731	286.177	ug/l	100
52) Toluene	7.973	92	282432	50.972	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	177843	50.461	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	191216	50.326	ug/l	100
55) 1,1,2-Trichloroethane	8.404	97	117890	50.396	ug/l	100
56) Ethyl methacrylate	8.337	69	196116	54.821	ug/l	100
57) 1,3-Dichloropropane	8.581	76	210647	50.699	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	215292	204.447	ug/l	100
59) 2-Hexanone	8.690	43	908964	286.602	ug/l	100
60) Dibromochloromethane	8.812	129	115148	49.815	ug/l	100
61) 1,2-Dibromoethane	8.928	107	124295	50.522	ug/l	100
64) Tetrachloroethene	8.558	164	94980	50.773	ug/l	100
65) Chlorobenzene	9.449	112	283648	48.990	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	101747	50.239	ug/l	100
67) Ethyl Benzene	9.574	91	529966	51.091	ug/l	100
68) m/p-Xylenes	9.697	106	411341	105.850	ug/l	100
69) o-Xylene	10.105	106	198558	53.709	ug/l	100
70) Styrene	10.118	104	339230	53.001	ug/l	100
71) Bromoform	10.295	173	83856	49.081	ug/l #	100
73) Isopropylbenzene	10.488	105	516280	55.655	ug/l	100
74) N-amyl acetate	10.324	43	263710	61.502	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.787	83	213664	52.669	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	202818m	45.061	ug/l	
77) Bromobenzene	10.787	156	118746	51.035	ug/l	100
78) n-propylbenzene	10.909	91	631922	52.653	ug/l	100
79) 2-Chlorotoluene	10.989	91	374541	52.586	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	448934	54.764	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	65511	51.556	ug/l	100
82) 4-Chlorotoluene	11.099	91	432718	51.731	ug/l	100
83) tert-Butylbenzene	11.423	119	419823	54.421	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	446755	54.461	ug/l	100
85) sec-Butylbenzene	11.648	105	561986	55.252	ug/l	100
86) p-Isopropyltoluene	11.796	119	462116	53.733	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	227192	50.047	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	231401	47.935	ug/l	100
89) n-Butylbenzene	12.211	91	424496	48.971	ug/l	100
90) Hexachloroethane	12.478	117	75899	54.648	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	234998	51.092	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	55801	59.312	ug/l	100
93) 1,2,4-Trichlorobenzene	13.844	180	142245	49.596	ug/l	100
94) Hexachlorobutadiene	14.024	225	60625	40.801	ug/l	100
95) Naphthalene	14.089	128	534751	57.440	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	148096	52.627	ug/l	100

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

