

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092321\
 Data File : VN068615.D
 Acq On : 23 Sep 2021 11:46
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:58:48 PM

Quant Time: Sep 23 12:15:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 12:11:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	612207	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1033750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1000707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	408164	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	477315	40.973	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	81.940%
35) Dibromofluoromethane	8.024	113	344600	49.776	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.560%
50) Toluene-d8	10.443	98	1418804	52.781	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.560%
62) 4-Bromofluorobenzene	12.731	95	487744	45.515	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	329223	38.971	ug/l	99
3) Chloromethane	2.301	50	526177	55.187	ug/l	99
4) Vinyl Chloride	2.440	62	502140	54.700	ug/l	98
5) Bromomethane	2.837	94	237559	59.215	ug/l	97
6) Chloroethane	3.009	64	283185	50.525	ug/l	99
7) Trichlorofluoromethane	3.368	101	604943	48.352	ug/l	100
8) Diethyl Ether	3.824	74	215230	43.338	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.213	101	321683	43.628	ug/l	92
10) Methyl Iodide	4.422	142	385451	56.523	ug/l	91
11) Tert butyl alcohol	5.369	59	354958	188.029	ug/l	99
12) 1,1-Dichloroethene	4.183	96	308664	43.360	ug/l	95
13) Acrolein	4.044	56	104083	95.930	ug/l	100
14) Allyl chloride	4.843	41	650803	41.347	ug/l	96
15) Acrylonitrile	5.554	53	1011810	237.355	ug/l	99
16) Acetone	4.288	43	901887	199.697	ug/l	97
17) Carbon Disulfide	4.532	76	916438	40.047	ug/l	99
18) Methyl Acetate	4.851	43	673587	57.770	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	1188125	42.186	ug/l	97
20) Methylene Chloride	5.098	84	376732	40.039	ug/l	98
21) trans-1,2-Dichloroethene	5.600	96	340451	43.107	ug/l	97
22) Diisopropyl ether	6.495	45	1384754	47.015	ug/l	97
23) Vinyl Acetate	6.434	43	5451437	206.260	ug/l	100
24) 1,1-Dichloroethane	6.391	63	675627	41.604	ug/l	100
25) 2-Butanone	7.335	43	1464920	226.306	ug/l	98
26) 2,2-Dichloropropane	7.327	77	562483	34.882	ug/l	96
27) cis-1,2-Dichloroethene	7.329	96	394755	42.491	ug/l	94
28) Bromochloromethane	7.659	49	298818	39.427	ug/l	92
29) Tetrahydrofuran	7.683	42	970898	237.246	ug/l	97
30) Chloroform	7.820	83	696743	40.837	ug/l	99
31) Cyclohexane	8.096	56	651495	41.133	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	617055	39.761	ug/l	99
36) 1,1-Dichloropropene	8.223	75	526158	46.210	ug/l	98
37) Ethyl Acetate	7.413	43	601116	49.263	ug/l	98
38) Carbon Tetrachloride	8.209	117	543514	44.728	ug/l	99
39) Methylcyclohexane	9.462	83	627213	51.502	ug/l	97
40) Benzene	8.461	78	1549586	48.471	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	304893	48.185	ug/l	99
42) 1,2-Dichloroethane	8.531	62	589845	44.382	ug/l	97
43) Isopropyl Acetate	8.560	43	1017010	46.880	ug/l	100
44) Trichloroethene	9.217	130	372522	49.631	ug/l	87
45) 1,2-Dichloropropane	9.491	63	416114	48.744	ug/l	100
46) Dibromomethane	9.580	93	273544	47.348	ug/l	92
47) Bromodichloromethane	9.762	83	566746	44.130	ug/l	99
48) Methyl methacrylate	9.561	41	500826	49.816	ug/l	93
49) 1,4-Dioxane	9.569	88	142233	1034.700	ug/l	99
51) 4-Methyl-2-Pentanone	10.331	43	3254133	256.547	ug/l	99
52) Toluene	10.508	92	1013290	50.046	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	641798	45.149	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	661524	45.869	ug/l	96
55) 1,1,2-Trichloroethane	10.899	97	388739	49.572	ug/l	97
56) Ethyl methacrylate	10.762	69	673168	48.175	ug/l	96
57) 1,3-Dichloropropane	11.047	76	685997	48.201	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	843817	210.729	ug/l	97
59) 2-Hexanone	11.087	43	2346898	253.044	ug/l	99
60) Dibromochloromethane	11.240	129	431461	50.422	ug/l	98
61) 1,2-Dibromoethane	11.347	107	407459	49.623	ug/l	100
64) Tetrachloroethene	10.980	164	329491	47.187	ug/l	94
65) Chlorobenzene	11.773	112	1063011	49.258	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	401720	49.932	ug/l	99
67) Ethyl Benzene	11.846	91	1982459	46.909	ug/l	98
68) m/p-Xylenes	11.956	106	1467820	96.932	ug/l	89
69) o-Xylene	12.283	106	718100	48.537	ug/l	89
70) Styrene	12.296	104	1174798	48.111	ug/l	95
71) Bromoform	12.460	173	299558	48.912	ug/l #	99
73) Isopropylbenzene	12.581	105	1867658	48.080	ug/l	97
74) N-amyl acetate	12.390	43	817245	43.944	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	564544	48.639	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	516000m	49.140	ug/l	
77) Bromobenzene	12.862	156	413618	51.517	ug/l	81
78) n-propylbenzene	12.921	91	2133034	46.520	ug/l	96
79) 2-Chlorotoluene	13.010	91	1264329	44.534	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	1490886	46.047	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	187560	44.791	ug/l	95
82) 4-Chlorotoluene	13.106	91	1232281	43.820	ug/l	93
83) tert-Butylbenzene	13.326	119	1320277	50.360	ug/l	91
84) 1,2,4-Trimethylbenzene	13.369	105	1446909	45.291	ug/l	93
85) sec-Butylbenzene	13.503	105	1825700	49.394	ug/l	96
86) p-Isopropyltoluene	13.619	119	1493794	49.858	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	717250	50.075	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	700009	48.770	ug/l	96
89) n-Butylbenzene	13.946	91	1253720	45.404	ug/l	98
90) Hexachloroethane	14.214	117	281798	48.719	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	676956	50.014	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	104736	37.599	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	339478	48.412	ug/l	99
94) Hexachlorobutadiene	15.373	225	173801	43.545	ug/l	98
95) Naphthalene	15.507	128	938847	44.828	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	329768	48.772	ug/l	98

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

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