

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
 Data File : VN068105.D
 Acq On : 12 Aug 2021 21:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/13/2021 10:56:53 AM

Quant Time: Aug 13 05:48:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	393188	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	708305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	707762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	345217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	283694	50.967	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.940%	
35) Dibromofluoromethane	8.024	113	224009	54.267	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.540%	
50) Toluene-d8	10.443	98	914273	48.147	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.300%	
62) 4-Bromofluorobenzene	12.733	95	336179	48.389	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	176320	43.765	ug/l	99
3) Chloromethane	2.301	50	223805	44.720	ug/l	98
4) Vinyl Chloride	2.443	62	364891	46.731	ug/l	97
5) Bromomethane	2.818	94	320889	46.112	ug/l	99
6) Chloroethane	3.001	64	280571	46.342	ug/l	98
7) Trichlorofluoromethane	3.363	101	655066	46.297	ug/l	99
8) Diethyl Ether	3.816	74	205521	76.441	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.199	101	196298	48.126	ug/l	95
10) Methyl Iodide	4.414	142	256802	48.310	ug/l	92
11) Tert butyl alcohol	5.390	59	205323	275.311	ug/l	# 85
12) 1,1-Dichloroethene	4.170	96	186681	50.071	ug/l	86
13) Acrolein	4.039	56	147626	291.681	ug/l	99
14) Allyl chloride	4.832	41	314642	49.694	ug/l	97
15) Acrylonitrile	5.557	53	602795	288.380	ug/l	98
16) Acetone	4.291	43	474198	233.482	ug/l	93
17) Carbon Disulfide	4.519	76	488257	45.156	ug/l	98
18) Methyl Acetate	4.854	43	272470	55.811	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	759275	54.252	ug/l	98
20) Methylene Chloride	5.090	84	240874	51.370	ug/l	89
21) trans-1,2-Dichloroethene	5.591	96	219532	50.627	ug/l	88
22) Diisopropyl ether	6.501	45	758125	53.938	ug/l	96
23) Vinyl Acetate	6.434	43	3187305	240.403	ug/l	# 94
24) 1,1-Dichloroethane	6.385	63	417057	51.308	ug/l	97
25) 2-Butanone	7.343	43	810944	275.221	ug/l	92
26) 2,2-Dichloropropane	7.324	77	296471	41.702	ug/l	92
27) cis-1,2-Dichloroethene	7.327	96	269410	52.262	ug/l	83
28) Bromochloromethane	7.659	49	186178	48.022	ug/l	# 78
29) Tetrahydrofuran	7.689	42	547989	290.428	ug/l	90
30) Chloroform	7.817	83	474359	52.692	ug/l	99
31) Cyclohexane	8.096	56	373318	45.466	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	419128	53.899	ug/l	96
36) 1,1-Dichloropropene	8.222	75	337458	51.507	ug/l	96
37) Ethyl Acetate	7.418	43	330338	53.574	ug/l	98
38) Carbon Tetrachloride	8.206	117	361844	56.158	ug/l	97
39) Methylcyclohexane	9.461	83	365847	51.670	ug/l	92
40) Benzene	8.461	78	1044877	53.870	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	160564	54.663	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	381017	53.185	ug/l	96
43) Isopropyl Acetate	8.566	43	591515	57.569	ug/l	96
44) Trichloroethene	9.217	130	264129	53.837	ug/l	85
45) 1,2-Dichloropropane	9.491	63	266766	55.200	ug/l	100
46) Dibromomethane	9.579	93	195985	56.092	ug/l	94
47) Bromodichloromethane	9.765	83	386352	58.019	ug/l	100
48) Methyl methacrylate	9.563	41	254322	49.660	ug/l	88
49) 1,4-Dioxane	9.574	88	94571	1157.132	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	1920921	256.206	ug/l	95
52) Toluene	10.507	92	721266	57.228	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	399313	47.345	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	415412	47.514	ug/l	89
55) 1,1,2-Trichloroethane	10.899	97	278886	57.075	ug/l	97
56) Ethyl methacrylate	10.765	69	430424	49.053	ug/l	90
57) 1,3-Dichloropropane	11.047	76	461672	57.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	386341	227.902	ug/l	92
59) 2-Hexanone	11.087	43	1366914	255.810	ug/l	93
60) Dibromochloromethane	11.242	129	303992	49.827	ug/l	98
61) 1,2-Dibromoethane	11.350	107	296176	59.021	ug/l	100
64) Tetrachloroethene	10.982	164	249147	49.151	ug/l	93
65) Chlorobenzene	11.773	112	778030	54.048	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.846	131	293672	50.573	ug/l	99
67) Ethyl Benzene	11.848	91	1407403	54.903	ug/l	95
68) m/p-Xylenes	11.956	106	1091708	97.585	ug/l	85
69) o-Xylene	12.283	106	546043	57.941	ug/l	85
70) Styrene	12.296	104	914158	49.228	ug/l	92
71) Bromoform	12.460	173	223421	49.436	ug/l #	100
73) Isopropylbenzene	12.581	105	1394473	49.510	ug/l	97
74) N-amyl acetate	12.390	43	487435	49.790	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	424268	49.849	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	374961m	54.084	ug/l	
77) Bromobenzene	12.865	156	329536	50.957	ug/l	73
78) n-propylbenzene	12.924	91	1585126	49.871	ug/l	95
79) 2-Chlorotoluene	13.010	91	960348	49.576	ug/l	89
80) 1,3,5-Trimethylbenzene	13.063	105	1170118	51.255	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	112510	45.394	ug/l	93
82) 4-Chlorotoluene	13.109	91	949082	48.800	ug/l	89
83) tert-Butylbenzene	13.326	119	998527	52.603	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	1154230	52.184	ug/l	92
85) sec-Butylbenzene	13.503	105	1367152	51.489	ug/l	96
86) p-Isopropyltoluene	13.619	119	1121643	53.096	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	602409	50.715	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	584729	49.849	ug/l	95
89) n-Butylbenzene	13.946	91	850098	46.930	ug/l	97
90) Hexachloroethane	14.214	117	204445	56.582	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	556215	49.729	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	69115	50.863	ug/l	65
93) 1,2,4-Trichlorobenzene	15.268	180	224641	45.074	ug/l	98
94) Hexachlorobutadiene	15.373	225	104470	44.949	ug/l	98
95) Naphthalene	15.509	128	640331	44.836	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	215641	45.682	ug/l	99

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

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