

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072121\
 Data File : VN067854.D
 Acq On : 21 Jul 2021 21:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/22/2021 6:03:30 PM

Quant Time: Jul 22 02:16:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	361683	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	684448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	656169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	334200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	286526	52.418	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.840%	
35) Dibromofluoromethane	8.021	113	217386	52.569	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.140%	
50) Toluene-d8	10.443	98	882398	50.979	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.960%	
62) 4-Bromofluorobenzene	12.733	95	321930	52.650	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 105.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	144135	46.885	ug/l	98
3) Chloromethane	2.301	50	198976	40.865	ug/l	98
4) Vinyl Chloride	2.443	62	340666	46.358	ug/l	96
5) Bromomethane	2.832	94	268467	54.138	ug/l	98
6) Chloroethane	3.006	64	272461	56.160	ug/l	96
7) Trichlorofluoromethane	3.365	101	643067	58.093	ug/l	100
8) Diethyl Ether	3.818	74	126289	43.171	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.199	101	180657	53.896	ug/l #	81
10) Methyl Iodide	4.414	142	221537	55.480	ug/l	92
11) Tert butyl alcohol	5.387	59	186474	237.400	ug/l	100
12) 1,1-Dichloroethene	4.173	96	168720	52.463	ug/l	86
13) Acrolein	4.041	56	111867	292.855	ug/l	99
14) Allyl chloride	4.835	41	295433	49.974	ug/l	96
15) Acrylonitrile	5.556	53	537456	275.868	ug/l	100
16) Acetone	4.291	43	435495	253.199	ug/l	94
17) Carbon Disulfide	4.521	76	423633	47.555	ug/l	98
18) Methyl Acetate	4.854	43	268567	55.592	ug/l #	54
19) Methyl tert-butyl Ether	5.618	73	716275	53.747	ug/l	100
20) Methylene Chloride	5.092	84	220236	54.919	ug/l	92
21) trans-1,2-Dichloroethene	5.591	96	198678	52.252	ug/l	92
22) Diisopropyl ether	6.498	45	719793	53.656	ug/l	97
23) Vinyl Acetate	6.436	43	3089508	269.381	ug/l	96
24) 1,1-Dichloroethane	6.388	63	391565	52.359	ug/l	98
25) 2-Butanone	7.340	43	757991	265.396	ug/l	93
26) 2,2-Dichloropropane	7.327	77	301699	46.163	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	252900	53.150	ug/l	85
28) Bromochloromethane	7.656	49	180711	49.520	ug/l #	81
29) Tetrahydrofuran	7.689	42	505710	269.252	ug/l	92
30) Chloroform	7.817	83	451505	53.749	ug/l	99
31) Cyclohexane	8.094	56	345193	45.039	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	397122	54.520	ug/l	97
36) 1,1-Dichloropropene	8.220	75	318923	50.162	ug/l	96
37) Ethyl Acetate	7.415	43	309909	50.308	ug/l	98
38) Carbon Tetrachloride	8.206	117	333599	53.194	ug/l	97
39) Methylcyclohexane	9.461	83	334160	48.010	ug/l	91
40) Benzene	8.461	78	975026	51.233	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	158039	49.916	ug/l	92
42) 1,2-Dichloroethane	8.531	62	363846	51.482	ug/l	97
43) Isopropyl Acetate	8.563	43	559371	51.620	ug/l	97
44) Trichloroethene	9.217	130	242626	50.235	ug/l	87
45) 1,2-Dichloropropane	9.491	63	250286	51.944	ug/l	99
46) Dibromomethane	9.577	93	185248	54.183	ug/l	96
47) Bromodichloromethane	9.764	83	356486	53.335	ug/l	99
48) Methyl methacrylate	9.563	41	246191	51.368	ug/l	90
49) 1,4-Dioxane	9.571	88	83167	876.305	ug/l	90
51) 4-Methyl-2-Pentanone	10.333	43	1795452	269.701	ug/l	95
52) Toluene	10.507	92	654112	52.470	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	383812	48.252	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	395202	53.168	ug/l	91
55) 1,1,2-Trichloroethane	10.902	97	261908	54.821	ug/l	96
56) Ethyl methacrylate	10.765	69	407579	55.375	ug/l	91
57) 1,3-Dichloropropane	11.046	76	428622	52.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	506646	257.576	ug/l	93
59) 2-Hexanone	11.089	43	1298441	279.426	ug/l	94
60) Dibromochloromethane	11.242	129	275378	47.108	ug/l	99
61) 1,2-Dibromoethane	11.347	107	271278	55.618	ug/l	100
64) Tetrachloroethene	10.979	164	207331	44.762	ug/l	96
65) Chlorobenzene	11.773	112	703618	52.210	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	267687	56.469	ug/l	100
67) Ethyl Benzene	11.848	91	1309080	53.358	ug/l	96
68) m/p-Xylenes	11.956	106	1013394	109.212	ug/l	86
69) o-Xylene	12.283	106	496145	54.383	ug/l	88
70) Styrene	12.296	104	848229	58.123	ug/l	93
71) Bromoform	12.460	173	190817	45.673	ug/l #	98
73) Isopropylbenzene	12.581	105	1292511	47.933	ug/l	97
74) N-amyl acetate	12.390	43	498922	51.002	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	407136	52.025	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	328768m	48.171	ug/l	
77) Bromobenzene	12.862	156	293211	49.130	ug/l	78
78) n-propylbenzene	12.924	91	1494206	48.994	ug/l	96
79) 2-Chlorotoluene	13.010	91	898907	48.787	ug/l	90
80) 1,3,5-Trimethylbenzene	13.063	105	1078759	49.374	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	109769	51.855	ug/l	95
82) 4-Chlorotoluene	13.106	91	902438	49.496	ug/l	91
83) tert-Butylbenzene	13.326	119	914263	49.067	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	1100848	51.422	ug/l	93
85) sec-Butylbenzene	13.503	105	1282535	49.735	ug/l	96
86) p-Isopropyltoluene	13.618	119	1056609	50.775	ug/l	93
87) 1,3-Dichlorobenzene	13.618	146	576991	52.115	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	557336	49.168	ug/l	96
89) n-Butylbenzene	13.943	91	859265	48.141	ug/l	98
90) Hexachloroethane	14.214	117	182323	52.754	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	537319	50.277	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	69335	51.012	ug/l	72
93) 1,2,4-Trichlorobenzene	15.268	180	228417	41.509	ug/l	98
94) Hexachlorobutadiene	15.372	225	106112	47.252	ug/l	99
95) Naphthalene	15.509	128	670216	41.504	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	213241	40.488	ug/l	99

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

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