

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070221\
 Data File : VN067608.D
 Acq On : 2 Jul 2021 10:56
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 8:51:07 AM

Quant Time: Jul 02 11:37:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 11:33:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	512469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	919767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	960731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	462638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	784617	108.884	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	217.760%#
35) Dibromofluoromethane	8.021	113	607644	106.067	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	212.140%#
50) Toluene-d8	10.446	98	2647349	112.428	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	224.860%#
62) 4-Bromofluorobenzene	12.733	95	973285	116.870	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	233.740%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	595782	111.868	ug/l	99
3) Chloromethane	2.298	50	643769	98.536	ug/l	99
4) Vinyl Chloride	2.440	62	1069130	118.805	ug/l	97
5) Bromomethane	2.818	94	824530	123.262	ug/l	99
6) Chloroethane	2.995	64	729198	114.051	ug/l	99
7) Trichlorofluoromethane	3.360	101	1937961	118.778	ug/l	100
8) Diethyl Ether	3.816	74	586082	151.333	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.197	101	481177	95.679	ug/l	96
10) Methyl Iodide	4.411	142	665731	101.338	ug/l	93
11) Tert butyl alcohol	5.396	59	549295	526.929	ug/l	99
12) 1,1-Dichloroethene	4.167	96	471571	95.683	ug/l	90
13) Acrolein	4.039	56	434900	575.012	ug/l	100
14) Allyl chloride	4.832	41	866748	106.038	ug/l	95
15) Acrylonitrile	5.559	53	1457855	539.408	ug/l	99
16) Acetone	4.288	43	1129466	483.834	ug/l	95
17) Carbon Disulfide	4.519	76	1399130	100.640	ug/l	99
18) Methyl Acetate	4.854	43	629884	101.274	ug/l	94
19) Methyl tert-butyl Ether	5.621	73	2028821	106.476	ug/l	99
20) Methylene Chloride	5.087	84	598212	90.546	ug/l	90
21) trans-1,2-Dichloroethene	5.591	96	590930	105.300	ug/l	89
22) Diisopropyl ether	6.501	45	2111871	116.976	ug/l	95
23) Vinyl Acetate	6.436	43	9276502	611.699	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1093167	105.464	ug/l	98
25) 2-Butanone	7.340	43	2075968	568.844	ug/l	94
26) 2,2-Dichloropropane	7.327	77	1004643	105.112	ug/l	94
27) cis-1,2-Dichloroethene	7.324	96	712033	104.220	ug/l	87
28) Bromochloromethane	7.659	49	530289	107.923	ug/l #	77
29) Tetrahydrofuran	7.689	42	1419929	584.228	ug/l	91
30) Chloroform	7.820	83	1258331	109.772	ug/l	100
31) Cyclohexane	8.094	56	1027458	99.217	ug/l	93
32) 1,1,1-Trichloroethane	8.013	97	1163501	112.160	ug/l	96
36) 1,1-Dichloropropene	8.222	75	924952	110.187	ug/l	95
37) Ethyl Acetate	7.418	43	882655	114.082	ug/l	98
38) Carbon Tetrachloride	8.206	117	1004347	112.922	ug/l	98
39) Methylcyclohexane	9.461	83	1037890	103.851	ug/l	91
40) Benzene	8.461	78	2826439	111.237	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	456152	118.673	ug/l	94
42) 1,2-Dichloroethane	8.531	62	1000328	112.645	ug/l	96
43) Isopropyl Acetate	8.566	43	1563312	117.264	ug/l	95
44) Trichloroethene	9.217	130	702798	107.382	ug/l	87
45) 1,2-Dichloropropane	9.491	63	685211	108.065	ug/l	98
46) Dibromomethane	9.579	93	516420	113.816	ug/l	93
47) Bromodichloromethane	9.765	83	1011377	113.191	ug/l	98
48) Methyl methacrylate	9.563	41	693577	118.479	ug/l	88
49) 1,4-Dioxane	9.574	88	257193	2315.102	ug/l	88
51) 4-Methyl-2-Pentanone	10.336	43	5004303	617.804	ug/l	95
52) Toluene	10.507	92	2000719	119.852	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	1178402	123.729	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	1200267	118.673	ug/l	90
55) 1,1,2-Trichloroethane	10.902	97	756210	117.093	ug/l	97
56) Ethyl methacrylate	10.765	69	1232188	125.076	ug/l	88
57) 1,3-Dichloropropane	11.047	76	1227161	116.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	1288510	666.169	ug/l	92
59) 2-Hexanone	11.089	43	3574302	623.687	ug/l	92
60) Dibromochloromethane	11.242	129	859004	125.736	ug/l	99
61) 1,2-Dibromoethane	11.350	107	809086	121.750	ug/l	100
64) Tetrachloroethene	10.979	164	720345	107.285	ug/l	95
65) Chlorobenzene	11.773	112	2127850	107.511	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	804118	113.444	ug/l	99
67) Ethyl Benzene	11.848	91	3936709	109.575	ug/l	96
68) m/p-Xylenes	11.956	106	3042659	219.183	ug/l	86
69) o-Xylene	12.283	106	1514926	110.518	ug/l	87
70) Styrene	12.296	104	2573681	116.015	ug/l	93
71) Bromoform	12.460	173	633157	127.157	ug/l #	100
73) Isopropylbenzene	12.581	105	3912680	100.560	ug/l	97
74) N-amyl acetate	12.390	43	1426619	110.674	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.833	83	1095388	99.490	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	896782m	97.813	ug/l	
77) Bromobenzene	12.862	156	905538	105.313	ug/l	73
78) n-propylbenzene	12.924	91	4416011	101.672	ug/l	95
79) 2-Chlorotoluene	13.010	91	2652058	99.761	ug/l	90
80) 1,3,5-Trimethylbenzene	13.063	105	3232781	101.324	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	349622	109.937	ug/l	91
82) 4-Chlorotoluene	13.109	91	2692434	103.516	ug/l	91
83) tert-Butylbenzene	13.326	119	2729677	99.037	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	3226816	102.769	ug/l	93
85) sec-Butylbenzene	13.506	105	3766335	99.559	ug/l	96
86) p-Isopropyltoluene	13.619	119	3161519	104.155	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	1694154	105.979	ug/l	95
88) 1,4-Dichlorobenzene	13.699	146	1661517	104.844	ug/l	95
89) n-Butylbenzene	13.946	91	2642597	104.914	ug/l	98
90) Hexachloroethane	14.214	117	561701	105.679	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	1592085	104.312	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	200183	104.106	ug/l	63
93) 1,2,4-Trichlorobenzene	15.265	180	742538	113.299	ug/l	99
94) Hexachlorobutadiene	15.373	225	316508	109.805	ug/l	100
95) Naphthalene	15.509	128	2360249	114.327	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	710458	110.933	ug/l	99

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

