

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060421\
 Data File : VN067204.D
 Acq On : 4 Jun 2021 18:06
 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
 6/7/2021 7:21:01 PM

Quant Time: Jun 04 18:43:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 18:41:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	255305	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	446763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	429299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	234936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	355821	92.014	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 184.020%#	
35) Dibromofluoromethane	8.027	113	283927	103.995	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 208.000%#	
50) Toluene-d8	10.448	98	1179981	110.488	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 220.980%#	
62) 4-Bromofluorobenzene	12.736	95	462890	124.496	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 249.000%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	272621	87.980	ug/l	96
3) Chloromethane	2.295	50	320669	72.800	ug/l	100
4) Vinyl Chloride	2.445	62	419404	105.491	ug/l	98
5) Bromomethane	2.823	94	349403	147.491	ug/l	97
6) Chloroethane	3.001	64	295918	132.045	ug/l	99
7) Trichlorofluoromethane	3.368	101	409932	91.381	ug/l	96
8) Diethyl Ether	3.827	74	161667	79.217	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.213	101	236721	84.544	ug/l	91
10) Methyl Iodide	4.427	142	341190	84.171	ug/l	92
11) Tert butyl alcohol	5.371	59	286498	365.591	ug/l	# 83
12) 1,1-Dichloroethene	4.186	96	235593	81.472	ug/l	94
13) Acrolein	4.041	56	91483	155.215	ug/l	94
14) Allyl chloride	4.843	41	456340	72.392	ug/l	# 88
15) Acrylonitrile	5.556	53	644320	400.296	ug/l	98
16) Acetone	4.288	43	528106	346.072	ug/l	95
17) Carbon Disulfide	4.537	76	731005	82.580	ug/l	100
18) Methyl Acetate	4.854	43	345380	80.148	ug/l	96
19) Methyl tert-butyl Ether	5.618	73	898435	91.406	ug/l	100
20) Methylene Chloride	5.098	84	303242	79.107	ug/l	92
21) trans-1,2-Dichloroethene	5.599	96	293729	91.117	ug/l	97
22) Diisopropyl ether	6.500	45	914134	82.583	ug/l	92
23) Vinyl Acetate	6.436	43	4333843	426.559	ug/l	98
24) 1,1-Dichloroethane	6.391	63	528417	82.403	ug/l	99
25) 2-Butanone	7.337	43	959027	393.887	ug/l	96
26) 2,2-Dichloropropane	7.332	77	505442	90.487	ug/l	97
27) cis-1,2-Dichloroethene	7.329	96	340665	90.968	ug/l	97
28) Bromochloromethane	7.662	49	259908	83.336	ug/l	85
29) Tetrahydrofuran	7.689	42	595035	374.672	ug/l	94
30) Chloroform	7.823	83	585309	91.244	ug/l	98
31) Cyclohexane	8.099	56	439899	75.369	ug/l	95
32) 1,1,1-Trichloroethane	8.018	97	540348	97.601	ug/l	97
36) 1,1-Dichloropropene	8.225	75	425823	95.789	ug/l	98
37) Ethyl Acetate	7.415	43	411193	87.029	ug/l	96
38) Carbon Tetrachloride	8.212	117	473087	128.862	ug/l	98
39) Methylcyclohexane	9.464	83	489558	99.731	ug/l	97
40) Benzene	8.464	78	1322358	97.149	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	214038	92.031	ug/l #	85
42) 1,2-Dichloroethane	8.533	62	456068	97.827	ug/l	96
43) Isopropyl Acetate	8.566	43	761795	90.539	ug/l	95
44) Trichloroethene	9.220	130	345050	111.305	ug/l	89
45) 1,2-Dichloropropane	9.496	63	329489	89.879	ug/l	98
46) Dibromomethane	9.579	93	237646	104.131	ug/l #	85
47) Bromodichloromethane	9.767	83	487037	102.718	ug/l	100
48) Methyl methacrylate	9.563	41	353464	95.952	ug/l #	84
49) 1,4-Dioxane	9.577	88	107294	2325.639	ug/l	94
51) 4-Methyl-2-Pentanone	10.336	43	2277661	490.527	ug/l	93
52) Toluene	10.510	92	912168	109.514	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	577980	112.830	ug/l	100
54) cis-1,3-Dichloropropene	10.194	75	584397	103.137	ug/l #	87
55) 1,1,2-Trichloroethane	10.904	97	336127	105.360	ug/l	98
56) Ethyl methacrylate	10.765	69	556427	117.823	ug/l #	87
57) 1,3-Dichloropropane	11.049	76	554998	100.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.046	63	660748	864.916	ug/l	98
59) 2-Hexanone	11.092	43	1630707	608.462	ug/l	93
60) Dibromochloromethane	11.242	129	410042	120.436	ug/l	100
61) 1,2-Dibromoethane	11.352	107	357355	112.151	ug/l	99
64) Tetrachloroethene	10.982	164	305522	103.332	ug/l	96
65) Chlorobenzene	11.776	112	957588	109.129	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	371486	110.602	ug/l	99
67) Ethyl Benzene	11.851	91	1780711	108.977	ug/l	98
68) m/p-Xylenes	11.958	106	1405920	239.397	ug/l	94
69) o-Xylene	12.285	106	689510	114.566	ug/l	93
70) Styrene	12.299	104	1217816	135.808	ug/l	97
71) Bromoform	12.462	173	323167	140.292	ug/l #	99
73) Isopropylbenzene	12.586	105	1827876	82.682	ug/l	100
74) N-amyl acetate	12.393	43	725004	153.131	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.833	83	506664	70.231	ug/l	99
76) 1,2,3-Trichloropropane	12.886	75	475090m	77.235	ug/l	
77) Bromobenzene	12.865	156	419984	92.839	ug/l	83
78) n-propylbenzene	12.926	91	2139679	90.132	ug/l	96
79) 2-Chlorotoluene	13.109	91	1334037	86.396	ug/l	96
80) 1,3,5-Trimethylbenzene	13.063	105	1598920	87.099	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.631	75	192434	106.208	ug/l	94
82) 4-Chlorotoluene	13.012	91	1245226	90.698	ug/l	99
83) tert-Butylbenzene	13.329	119	1381066	83.355	ug/l	94
84) 1,2,4-Trimethylbenzene	13.372	105	1598461	95.427	ug/l	97
85) sec-Butylbenzene	13.508	105	1898684	91.660	ug/l	99
86) p-Isopropyltoluene	13.621	119	1696817	103.517	ug/l	96
87) 1,3-Dichlorobenzene	13.621	146	821765	106.353	ug/l	98
88) 1,4-Dichlorobenzene	13.699	146	824527	100.298	ug/l	98
89) n-Butylbenzene	13.948	91	1507299	109.737	ug/l	97
90) Hexachloroethane	14.217	117	286083	85.750	ug/l	81
91) 1,2-Dichlorobenzene	13.994	146	812088	110.161	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.608	75	106760	85.902	ug/l	81
93) 1,2,4-Trichlorobenzene	15.268	180	402986	118.448	ug/l	98
94) Hexachlorobutadiene	15.375	225	206759	100.820	ug/l	100
95) Naphthalene	15.512	128	1077454	120.307	ug/l	99
96) 1,2,3-Trichlorobenzene	15.708	180	365752	109.594	ug/l	97

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

