

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062821\
 Data File : VN067529.D
 Acq On : 28 Jun 2021 13:27
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 6/29/2021 6:22:20 PM

Quant Time: Jun 28 13:50:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 13:37:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	306534	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	527225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	515759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	245913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	399389	68.285	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 136.560%			
35) Dibromofluoromethane	8.024	113	339835	104.753	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 209.500%#			
50) Toluene-d8	10.443	98	1366741	100.326	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 200.660%#			
62) 4-Bromofluorobenzene	12.734	95	496565	102.253	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 204.500%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	343742	71.960	ug/l	99
3) Chloromethane	2.298	50	357026	66.343	ug/l	99
4) Vinyl Chloride	2.440	62	491033	96.520	ug/l	96
5) Bromomethane	2.818	94	385039	127.421	ug/l	98
6) Chloroethane	2.995	64	337366	101.437	ug/l	97
7) Trichlorofluoromethane	3.360	101	876234	110.308	ug/l	100
8) Diethyl Ether	3.816	74	210746	70.595	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.197	101	313023	77.933	ug/l	94
10) Methyl Iodide	4.411	142	441425	98.480	ug/l	92
11) Tert butyl alcohol	5.390	59	305139	320.758	ug/l	98
12) 1,1-Dichloroethene	4.170	96	304005	77.028	ug/l	82
13) Acrolein	4.039	56	207895	268.383	ug/l	98
14) Allyl chloride	4.830	41	482625	57.013	ug/l #	92
15) Acrylonitrile	5.557	53	821369	324.879	ug/l	99
16) Acetone	4.288	43	617613	277.809	ug/l #	87
17) Carbon Disulfide	4.519	76	869768	68.424	ug/l	99
18) Methyl Acetate	4.854	43	346493	55.695	ug/l #	90
19) Methyl tert-butyl Ether	5.618	73	1169699	74.650	ug/l	99
20) Methylene Chloride	5.090	84	366111	68.685	ug/l #	85
21) trans-1,2-Dichloroethene	5.591	96	354281	82.266	ug/l	86
22) Diisopropyl ether	6.501	45	1076811	64.464	ug/l #	93
23) Vinyl Acetate	6.436	43	4614159	326.149	ug/l #	92
24) 1,1-Dichloroethane	6.385	63	614317	66.840	ug/l	97
25) 2-Butanone	7.340	43	1075265	311.620	ug/l #	88
26) 2,2-Dichloropropane	7.327	77	577576	73.027	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	417566	82.020	ug/l	82
28) Bromochloromethane	7.659	49	276654	63.357	ug/l #	65
29) Tetrahydrofuran	7.689	42	712697	326.222	ug/l #	86
30) Chloroform	7.820	83	683882	76.747	ug/l	99
31) Cyclohexane	8.096	56	567951	61.371	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	639344	84.684	ug/l	94
36) 1,1-Dichloropropene	8.220	75	505159	88.530	ug/l	94
37) Ethyl Acetate	7.415	43	451412	76.246	ug/l	96
38) Carbon Tetrachloride	8.206	117	564841	111.570	ug/l	99
39) Methylcyclohexane	9.462	83	609000	91.453	ug/l	87
40) Benzene	8.461	78	1534627	90.910	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	218445	72.601	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	513659	84.543	ug/l	94
43) Isopropyl Acetate	8.563	43	789526	77.240	ug/l #	92
44) Trichloroethene	9.217	130	407442	116.496	ug/l	84
45) 1,2-Dichloropropane	9.491	63	378912	83.286	ug/l	97
46) Dibromomethane	9.580	93	276948	97.788	ug/l	91
47) Bromodichloromethane	9.765	83	555011	96.108	ug/l	98
48) Methyl methacrylate	9.561	41	342446	77.388	ug/l #	86
49) 1,4-Dioxane	9.571	88	139292	2106.084	ug/l #	84
51) 4-Methyl-2-Pentanone	10.333	43	2438408	407.845	ug/l	91
52) Toluene	10.507	92	1028224	102.778	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	617951	96.770	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	646224	92.008	ug/l #	85
55) 1,1,2-Trichloroethane	10.902	97	398560	103.718	ug/l	95
56) Ethyl methacrylate	10.765	69	630255	93.373	ug/l #	83
57) 1,3-Dichloropropane	11.047	76	640783	90.296	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	693025	462.920	ug/l	90
59) 2-Hexanone	11.089	43	1745382	415.180	ug/l	88
60) Dibromochloromethane	11.240	129	459976	129.546	ug/l	100
61) 1,2-Dibromoethane	11.347	107	416713	110.384	ug/l	99
64) Tetrachloroethene	10.980	164	378695	110.724	ug/l	96
65) Chlorobenzene	11.773	112	1112211	104.702	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	418244	116.478	ug/l	99
67) Ethyl Benzene	11.846	91	2042446	95.840	ug/l	95
68) m/p-Xylenes	11.956	106	1597226	215.939	ug/l	84
69) o-Xylene	12.283	106	787478	107.766	ug/l	86
70) Styrene	12.296	104	1325968	111.141	ug/l	92
71) Bromoform	12.460	173	327760	135.700	ug/l #	99
73) Isopropylbenzene	12.581	105	2046098	85.004	ug/l	96
74) N-amyl acetate	12.390	43	694221	62.711	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	568180	74.170	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	509591m	74.407	ug/l	
77) Bromobenzene	12.862	156	478678	104.810	ug/l	71
78) n-propylbenzene	12.924	91	2336227	79.788	ug/l	94
79) 2-Chlorotoluene	13.010	91	1385773	78.664	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1724339	87.564	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	184860	75.849	ug/l	87
82) 4-Chlorotoluene	13.106	91	1382927	79.878	ug/l	92
83) tert-Butylbenzene	13.326	119	1471166	93.268	ug/l	87
84) 1,2,4-Trimethylbenzene	13.369	105	1699838	87.764	ug/l	93
85) sec-Butylbenzene	13.503	105	2069858	88.840	ug/l	95
86) p-Isopropyltoluene	13.619	119	1730783	98.255	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	891302	106.625	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	872031	104.773	ug/l	95
89) n-Butylbenzene	13.943	91	1420744	83.228	ug/l	97
90) Hexachloroethane	14.214	117	317819	96.278	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	859935	106.131	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	104963	77.330	ug/l	62
93) 1,2,4-Trichlorobenzene	15.265	180	402238	111.526	ug/l	100
94) Hexachlorobutadiene	15.373	225	171112	94.294	ug/l	98
95) Naphthalene	15.507	128	1249403	112.871	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	383775	115.040	ug/l	99

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

