

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100621\
 Data File : VN068821.D
 Acq On : 6 Oct 2021 16:26
 Operator : JC/MD
 Sample : VN1006WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 5:34:27 PM

Quant Time: Oct 07 06:01:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 14:41:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	437125	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	750730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	709593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	304885	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	327204	50.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.88%			
35) Dibromofluoromethane	8.024	113	253928	51.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.98%			
50) Toluene-d8	10.443	98	1009655	52.50	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.00%			
62) 4-Bromofluorobenzene	12.733	95	333436	46.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.52%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	75430	19.02	ug/l	96
3) Chloromethane	2.303	50	77034	16.79	ug/l	98
4) Vinyl Chloride	2.445	62	142233	17.28	ug/l	99
5) Bromomethane	2.858	94	144090	20.81	ug/l	99
6) Chloroethane	3.019	64	128708	17.33	ug/l	99
7) Trichlorofluoromethane	3.379	101	135728	19.13	ug/l	100
8) Diethyl Ether	3.829	74	45645	19.88	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.215	101	78260	20.10	ug/l	94
10) Methyl Iodide	4.425	142	82381	17.94	ug/l	# 89
11) Tert butyl alcohol	5.369	59	73184	95.84	ug/l	# 86
12) 1,1-Dichloroethene	4.189	96	66079	19.54	ug/l	80
13) Acrolein	4.044	56	35292	85.17	ug/l	100
14) Allyl chloride	4.848	41	104677	18.61	ug/l	# 84
15) Acrylonitrile	5.556	53	190780	95.44	ug/l	99
16) Acetone	4.288	43	185342	90.96	ug/l	92
17) Carbon Disulfide	4.537	76	124763	17.65	ug/l	99
18) Methyl Acetate	4.859	43	123079	19.38	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	281897	19.57	ug/l	96
20) Methylene Chloride	5.101	84	88834	19.51	ug/l	88
21) trans-1,2-Dichloroethene	5.602	96	72489	19.17	ug/l	86
22) Diisopropyl ether	6.498	45	260824	19.10	ug/l	# 93
23) Vinyl Acetate	6.433	43	1008840	94.63	ug/l	95
24) 1,1-Dichloroethane	6.391	63	152887	19.31	ug/l	99
25) 2-Butanone	7.335	43	274086	93.47	ug/l	92
26) 2,2-Dichloropropane	7.327	77	145760	19.23	ug/l	95
27) cis-1,2-Dichloroethene	7.329	96	96785	18.89	ug/l	86
28) Bromochloromethane	7.659	49	64761	15.05	ug/l	# 80
29) Tetrahydrofuran	7.683	42	168535	94.07	ug/l	88
30) Chloroform	7.820	83	182691	19.46	ug/l	98
31) Cyclohexane	8.099	56	125026	19.04	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	160200	19.17	ug/l	98
36) 1,1-Dichloropropene	8.222	75	113098	19.06	ug/l	95
37) Ethyl Acetate	7.410	43	103639	18.29	ug/l	99
38) Carbon Tetrachloride	8.209	117	135479	18.95	ug/l	99
39) Methylcyclohexane	9.461	83	126036	18.97	ug/l	91
40) Benzene	8.464	78	360393	19.44	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	53411	18.84	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	141991	19.28	ug/l	98
43) Isopropyl Acetate	8.560	43	202076	19.62	ug/l	97
44) Trichloroethene	9.217	130	93674	19.51	ug/l	86
45) 1,2-Dichloropropane	9.491	63	95565	19.88	ug/l	99
46) Dibromomethane	9.577	93	70852	18.96	ug/l	94
47) Bromodichloromethane	9.764	83	148773	19.82	ug/l	98
48) Methyl methacrylate	9.561	41	84162	19.13	ug/l #	80
49) 1,4-Dioxane	9.569	88	37210	388.62	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	617584	94.18	ug/l	97
52) Toluene	10.507	92	239106	19.17	ug/l	95
53) t-1,3-Dichloropropene	10.719	75	150952	19.67	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	155203	19.66	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	103523	19.90	ug/l	94
56) Ethyl methacrylate	10.762	69	138946	19.02	ug/l	91
57) 1,3-Dichloropropane	11.046	76	164295	19.69	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	156981	101.70	ug/l	92
59) 2-Hexanone	11.087	43	433872	91.74	ug/l	97
60) Dibromochloromethane	11.240	129	112161	19.23	ug/l	99
61) 1,2-Dibromoethane	11.347	107	99778	18.86	ug/l	98
64) Tetrachloroethene	10.979	164	82923	19.54	ug/l	95
65) Chlorobenzene	11.771	112	270482	19.63	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	104638	19.38	ug/l	98
67) Ethyl Benzene	11.846	91	475568	19.26	ug/l	96
68) m/p-Xylenes	11.956	106	367806	39.18	ug/l	85
69) o-Xylene	12.283	106	183253	19.60	ug/l	86
70) Styrene	12.296	104	296530	19.05	ug/l	93
71) Bromoform	12.460	173	74722	18.84	ug/l #	97
73) Isopropylbenzene	12.581	105	485234	20.15	ug/l	99
74) N-amyl acetate	12.390	43	152926	18.76	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	146532	20.19	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	119188m	19.83	ug/l	
77) Bromobenzene	12.862	156	109127	19.90	ug/l	73
78) n-propylbenzene	12.924	91	560381	20.45	ug/l	97
79) 2-Chlorotoluene	13.010	91	328935	20.16	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	403440	20.25	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	40073	19.32	ug/l	97
82) 4-Chlorotoluene	13.106	91	325586	20.11	ug/l	93
83) tert-Butylbenzene	13.326	119	350463	19.91	ug/l	91
84) 1,2,4-Trimethylbenzene	13.369	105	403028	20.61	ug/l	96
85) sec-Butylbenzene	13.503	105	508024	20.28	ug/l	96
86) p-Isopropyltoluene	13.618	119	412740	20.35	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	202981	19.72	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	197655	19.46	ug/l	96
89) n-Butylbenzene	13.943	91	334738	19.56	ug/l	96
90) Hexachloroethane	14.211	117	79901	20.38	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	198136	20.00	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	25016	20.18	ug/l	74
93) 1,2,4-Trichlorobenzene	15.265	180	82083	18.10	ug/l	98
94) Hexachlorobutadiene	15.372	225	49568	20.46	ug/l	98
95) Naphthalene	15.509	128	200732	16.59	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	78390	18.80	ug/l	99

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

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