

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100621\
 Data File : VN068822.D
 Acq On : 6 Oct 2021 17:00
 Operator : JC/MD
 Sample : VN1006WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 5:34:29 PM

Quant Time: Oct 07 06:01:58 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	415098	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	724132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	677101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	295733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	323012	52.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.90%			
35) Dibromofluoromethane	8.024	113	249342	52.42	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.84%			
50) Toluene-d8	10.443	98	971656	52.38	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.76%			
62) 4-Bromofluorobenzene	12.733	95	319081	45.93	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.86%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	72064	19.16	ug/l	100
3) Chloromethane	2.303	50	74444	17.25	ug/l	98
4) Vinyl Chloride	2.445	62	141334	18.33	ug/l	99
5) Bromomethane	2.858	94	135533	20.61	ug/l	97
6) Chloroethane	3.019	64	127225	18.37	ug/l	96
7) Trichlorofluoromethane	3.379	101	130099	19.35	ug/l	100
8) Diethyl Ether	3.824	74	46349	21.25	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.218	101	76857	20.79	ug/l #	83
10) Methyl Iodide	4.427	142	82459	18.91	ug/l	95
11) Tert butyl alcohol	5.363	59	75474	104.08	ug/l	98
12) 1,1-Dichloroethene	4.191	96	63656	19.86	ug/l #	78
13) Acrolein	4.044	56	36441	92.61	ug/l	97
14) Allyl chloride	4.843	41	104583	19.58	ug/l #	85
15) Acrylonitrile	5.559	53	195701	103.10	ug/l	99
16) Acetone	4.288	43	180479	93.91	ug/l	98
17) Carbon Disulfide	4.535	76	119703	17.87	ug/l	98
18) Methyl Acetate	4.857	43	127184	21.09	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	276638	20.22	ug/l	99
20) Methylene Chloride	5.106	84	88267	20.58	ug/l	88
21) trans-1,2-Dichloroethene	5.605	96	70341	19.62	ug/l	85
22) Diisopropyl ether	6.493	45	266301	20.54	ug/l	91
23) Vinyl Acetate	6.434	43	1028093	101.55	ug/l	95
24) 1,1-Dichloroethane	6.391	63	149294	19.86	ug/l	97
25) 2-Butanone	7.337	43	272417	97.83	ug/l	90
26) 2,2-Dichloropropane	7.329	77	137703	19.13	ug/l	93
27) cis-1,2-Dichloroethene	7.332	96	96182	19.77	ug/l	83
28) Bromochloromethane	7.659	49	63579	15.56	ug/l #	78
29) Tetrahydrofuran	7.683	42	174971	102.84	ug/l	88
30) Chloroform	7.817	83	178898	20.07	ug/l	100
31) Cyclohexane	8.096	56	118678	19.03	ug/l	86
32) 1,1,1-Trichloroethane	8.019	97	157500	19.85	ug/l	98
36) 1,1-Dichloropropene	8.225	75	110019	19.22	ug/l	96
37) Ethyl Acetate	7.412	43	110235	20.17	ug/l #	91
38) Carbon Tetrachloride	8.209	117	132215	19.18	ug/l	98
39) Methylcyclohexane	9.461	83	123420	19.25	ug/l	91
40) Benzene	8.464	78	348952	19.51	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	52304	19.13	ug/l #	81
42) 1,2-Dichloroethane	8.528	62	144219	20.30	ug/l	97
43) Isopropyl Acetate	8.560	43	207587	20.90	ug/l	97
44) Trichloroethene	9.217	130	91467	19.75	ug/l	87
45) 1,2-Dichloropropane	9.491	63	93621	20.19	ug/l	99
46) Dibromomethane	9.579	93	72070	20.00	ug/l	94
47) Bromodichloromethane	9.762	83	147405	20.36	ug/l	97
48) Methyl methacrylate	9.561	41	85446	20.13	ug/l #	81
49) 1,4-Dioxane	9.569	88	36575	396.02	ug/l	86
51) 4-Methyl-2-Pentanone	10.330	43	632400	99.98	ug/l	97
52) Toluene	10.507	92	234899	19.53	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	148779	20.10	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	151810	19.94	ug/l	96
55) 1,1,2-Trichloroethane	10.899	97	102086	20.34	ug/l	98
56) Ethyl methacrylate	10.762	69	142172	20.17	ug/l	92
57) 1,3-Dichloropropane	11.047	76	164200	20.40	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	161293	106.19	ug/l	91
59) 2-Hexanone	11.087	43	444752	97.49	ug/l	97
60) Dibromochloromethane	11.240	129	113146	20.11	ug/l	100
61) 1,2-Dibromoethane	11.347	107	101932	19.98	ug/l	97
64) Tetrachloroethene	10.979	164	80136	19.79	ug/l	98
65) Chlorobenzene	11.773	112	263512	20.04	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	103952	20.17	ug/l	98
67) Ethyl Benzene	11.846	91	464877	19.73	ug/l	98
68) m/p-Xylenes	11.956	106	350177	39.09	ug/l	87
69) o-Xylene	12.283	106	176266	19.76	ug/l	88
70) Styrene	12.296	104	287307	19.34	ug/l	93
71) Bromoform	12.460	173	74497	19.68	ug/l #	99
73) Isopropylbenzene	12.581	105	466881	19.98	ug/l	98
74) N-amyl acetate	12.390	43	154968	19.60	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	147905	21.01	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	111416m	19.11	ug/l	
77) Bromobenzene	12.862	156	106914	20.09	ug/l	74
78) n-propylbenzene	12.924	91	529940	19.94	ug/l	96
79) 2-Chlorotoluene	13.010	91	316392	19.99	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	389183	20.13	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	38201	18.98	ug/l	97
82) 4-Chlorotoluene	13.106	91	310604	19.78	ug/l	91
83) tert-Butylbenzene	13.326	119	340181	19.93	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	386743	20.39	ug/l	94
85) sec-Butylbenzene	13.503	105	479975	19.75	ug/l	97
86) p-Isopropyltoluene	13.619	119	387125	19.68	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	195678	19.60	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	192466	19.54	ug/l	95
89) n-Butylbenzene	13.946	91	318355	19.18	ug/l	97
90) Hexachloroethane	14.211	117	76057	20.00	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	194168	20.21	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	24532	20.40	ug/l	69
93) 1,2,4-Trichlorobenzene	15.265	180	83695	19.03	ug/l	97
94) Hexachlorobutadiene	15.373	225	46962	19.99	ug/l	99
95) Naphthalene	15.509	128	216501	18.44	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	82786	20.49	ug/l	98

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

