

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100721\
 Data File : VN068836.D
 Acq On : 7 Oct 2021 13:00
 Operator : JC/MD
 Sample : VN1007WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2021 6:03:17 PM

Quant Time: Oct 08 05:56:41 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	8.086	168	401896	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	706761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	660849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	288368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	315521	53.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.84%			
35) Dibromofluoromethane	8.024	113	237878	51.24	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.48%			
50) Toluene-d8	10.443	98	935577	51.68	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.36%			
62) 4-Bromofluorobenzene	12.731	95	305051	45.09	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	67379	18.38	ug/l	95
3) Chloromethane	2.303	50	69953	16.47	ug/l	98
4) Vinyl Chloride	2.445	62	131903	17.48	ug/l	100
5) Bromomethane	2.856	94	123527	19.40	ug/l	97
6) Chloroethane	3.019	64	117475	17.15	ug/l	98
7) Trichlorofluoromethane	3.379	101	122737	18.75	ug/l	100
8) Diethyl Ether	3.829	74	43410	20.56	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.218	101	71238	19.90	ug/l	94
10) Methyl Iodide	4.422	142	80367	19.03	ug/l	93
11) Tert butyl alcohol	5.363	59	70846	100.91	ug/l	# 71
12) 1,1-Dichloroethene	4.186	96	59594	19.11	ug/l	83
13) Acrolein	4.047	56	30689	80.55	ug/l	96
14) Allyl chloride	4.843	41	97789	18.91	ug/l	# 89
15) Acrylonitrile	5.554	53	185614	101.00	ug/l	99
16) Acetone	4.285	43	164145	86.70	ug/l	98
17) Carbon Disulfide	4.532	76	114047	17.53	ug/l	99
18) Methyl Acetate	4.856	43	118329	20.26	ug/l	95
19) Methyl tert-butyl Ether	5.615	73	264023	19.93	ug/l	98
20) Methylene Chloride	5.101	84	84258	20.24	ug/l	89
21) trans-1,2-Dichloroethene	5.602	96	65832	18.92	ug/l	85
22) Diisopropyl ether	6.495	45	249609	19.89	ug/l	95
23) Vinyl Acetate	6.433	43	960455	97.99	ug/l	# 94
24) 1,1-Dichloroethane	6.388	63	143165	19.67	ug/l	97
25) 2-Butanone	7.335	43	259619	96.29	ug/l	92
26) 2,2-Dichloropropane	7.329	77	127785	18.34	ug/l	84
27) cis-1,2-Dichloroethene	7.329	96	88308	18.75	ug/l	86
28) Bromochloromethane	7.656	49	76734	19.40	ug/l	# 76
29) Tetrahydrofuran	7.689	42	163279	99.12	ug/l	88
30) Chloroform	7.817	83	173165	20.06	ug/l	99
31) Cyclohexane	8.091	56	111777	18.39	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	147976	19.26	ug/l	98
36) 1,1-Dichloropropene	8.222	75	104338	18.68	ug/l	96
37) Ethyl Acetate	7.412	43	105518	19.78	ug/l	# 80
38) Carbon Tetrachloride	8.209	117	124464	18.50	ug/l	97
39) Methylcyclohexane	9.461	83	110700	17.69	ug/l	91
40) Benzene	8.461	78	331306	18.98	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	49295	18.47	ug/l #	83
42) 1,2-Dichloroethane	8.531	62	137056	19.77	ug/l	97
43) Isopropyl Acetate	8.560	43	191173	19.72	ug/l	97
44) Trichloroethene	9.217	130	85575	18.94	ug/l	87
45) 1,2-Dichloropropane	9.491	63	87100	19.25	ug/l	99
46) Dibromomethane	9.579	93	68960	19.61	ug/l	94
47) Bromodichloromethane	9.762	83	139361	19.72	ug/l	98
48) Methyl methacrylate	9.561	41	86246	20.82	ug/l	89
49) 1,4-Dioxane	9.569	88	37269	413.45	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	598830	97.00	ug/l	99
52) Toluene	10.507	92	220667	18.80	ug/l	95
53) t-1,3-Dichloropropene	10.719	75	138771	19.21	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	139590	18.78	ug/l	97
55) 1,1,2-Trichloroethane	10.899	97	97151	19.84	ug/l	96
56) Ethyl methacrylate	10.762	69	129276	18.79	ug/l	92
57) 1,3-Dichloropropane	11.046	76	153731	19.57	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	181449	117.39	ug/l #	90
59) 2-Hexanone	11.087	43	409448	91.96	ug/l	97
60) Dibromochloromethane	11.240	129	106353	19.37	ug/l	100
61) 1,2-Dibromoethane	11.347	107	95523	19.18	ug/l	97
64) Tetrachloroethene	10.979	164	79745	20.18	ug/l	91
65) Chlorobenzene	11.771	112	247250	19.26	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	99176	19.72	ug/l	98
67) Ethyl Benzene	11.846	91	437382	19.02	ug/l	98
68) m/p-Xylenes	11.956	106	331369	37.90	ug/l	88
69) o-Xylene	12.283	106	162504	18.66	ug/l	90
70) Styrene	12.296	104	271016	18.69	ug/l	93
71) Bromoform	12.460	173	69803	18.89	ug/l #	98
73) Isopropylbenzene	12.581	105	433451	19.03	ug/l	98
74) N-amyl acetate	12.390	43	148167	19.22	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	139888	20.38	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	112564m	19.80	ug/l	
77) Bromobenzene	12.862	156	100718	19.41	ug/l	75
78) n-propylbenzene	12.921	91	507358	19.58	ug/l	97
79) 2-Chlorotoluene	13.010	91	305600	19.80	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	370689	19.67	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	35803	18.25	ug/l	97
82) 4-Chlorotoluene	13.106	91	292660	19.11	ug/l	90
83) tert-Butylbenzene	13.326	119	321825	19.33	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	360260	19.48	ug/l	93
85) sec-Butylbenzene	13.503	105	455214	19.21	ug/l	98
86) p-Isopropyltoluene	13.618	119	362250	18.89	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	188770	19.39	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	183495	19.10	ug/l	96
89) n-Butylbenzene	13.946	91	297469	18.38	ug/l	97
90) Hexachloroethane	14.211	117	71427	19.26	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	185297	19.78	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	24304	20.73	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	77321	18.03	ug/l	99
94) Hexachlorobutadiene	15.373	225	45060	19.67	ug/l	98
95) Naphthalene	15.509	128	192369	16.81	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	74535	18.90	ug/l	98

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

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