

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100621\
 Data File : VN068816.D
 Acq On : 6 Oct 2021 13:41
 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
 10/7/2021 5:34:24 PM

Quant Time: Oct 06 14:01:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 13:47:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	387047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	673013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	662899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	313867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	621766	111.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 223.54%#			
35) Dibromofluoromethane	8.021	113	490983	114.65	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 229.30%#			
50) Toluene-d8	10.446	98	1950685	123.02	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 246.04%#			
62) 4-Bromofluorobenzene	12.733	95	699110	128.07	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 256.14%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	297136	71.24	ug/l	100
3) Chloromethane	2.301	50	292123	63.33	ug/l	100
4) Vinyl Chloride	2.445	62	586093	68.72	ug/l	97
5) Bromomethane	2.829	94	533691	75.48	ug/l	95
6) Chloroethane	3.006	64	498243	69.17	ug/l	98
7) Trichlorofluoromethane	3.368	101	522768	71.04	ug/l	98
8) Diethyl Ether	3.827	74	182430	78.67	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.215	101	303597	72.33	ug/l	94
10) Methyl Iodide	4.425	142	364702	98.70	ug/l	93
11) Tert butyl alcohol	5.369	59	325459	453.31	ug/l	100
12) 1,1-Dichloroethene	4.186	96	259302	72.20	ug/l	86
13) Acrolein	4.044	56	160616	904.79	ug/l	99
14) Allyl chloride	4.843	41	451854	80.78	ug/l #	89
15) Acrylonitrile	5.554	53	827455	412.10	ug/l	100
16) Acetone	4.285	43	726787	115.90	ug/l	95
17) Carbon Disulfide	4.535	76	518975	65.03	ug/l	98
18) Methyl Acetate	4.854	43	507200	78.97	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	1203898	84.54	ug/l	97
20) Methylene Chloride	5.098	84	345447	74.28	ug/l	89
21) trans-1,2-Dichloroethene	5.599	96	304467	75.84	ug/l	86
22) Diisopropyl ether	6.498	45	1162084	88.08	ug/l #	95
23) Vinyl Acetate	6.436	43	4520497	434.70	ug/l #	95
24) 1,1-Dichloroethane	6.391	63	636867	79.32	ug/l	98
25) 2-Butanone	7.332	43	1201130	402.11	ug/l	94
26) 2,2-Dichloropropane	7.329	77	625048	82.72	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	419591	81.12	ug/l	85
28) Bromochloromethane	7.659	49	392593	105.04	ug/l #	75
29) Tetrahydrofuran	7.683	42	775515	421.38	ug/l	89
30) Chloroform	7.820	83	782042	83.05	ug/l	98
31) Cyclohexane	8.099	56	483367	71.58	ug/l	91
32) 1,1,1-Trichloroethane	8.018	97	696459	83.17	ug/l	97
36) 1,1-Dichloropropene	8.222	75	484230	77.71	ug/l	94
37) Ethyl Acetate	7.412	43	494795	83.74	ug/l	99
38) Carbon Tetrachloride	8.206	117	598797	81.10	ug/l	99
39) Methylcyclohexane	9.461	83	546347	76.29	ug/l	89
40) Benzene	8.461	78	1537874	80.99	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	235235	83.46	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	603077	80.91	ug/l	97
43) Isopropyl Acetate	8.560	43	887975	82.15	ug/l	96
44) Trichloroethene	9.220	130	398839	79.09	ug/l	86
45) 1,2-Dichloropropane	9.491	63	402711	82.07	ug/l	99
46) Dibromomethane	9.577	93	309825	82.37	ug/l	95
47) Bromodichloromethane	9.764	83	645860	85.31	ug/l	99
48) Methyl methacrylate	9.561	41	386232	85.07	ug/l #	83
49) 1,4-Dioxane	9.569	88	163652	2158.59	ug/l	85
51) 4-Methyl-2-Pentanone	10.330	43	2855646	435.77	ug/l	97
52) Toluene	10.507	92	1052137	83.47	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	675864	88.79	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	686363	85.63	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	444041	82.37	ug/l	97
56) Ethyl methacrylate	10.762	69	662146	93.23	ug/l	94
57) 1,3-Dichloropropane	11.046	76	711481	84.51	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	888122	622.53	ug/l	91
59) 2-Hexanone	11.087	43	2065440	456.62	ug/l	96
60) Dibromochloromethane	11.240	129	516510	91.17	ug/l	99
61) 1,2-Dibromoethane	11.347	107	452940	85.99	ug/l	99
64) Tetrachloroethene	10.979	164	356252	73.62	ug/l	94
65) Chlorobenzene	11.773	112	1184127	79.75	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	479950	83.60	ug/l	99
67) Ethyl Benzene	11.846	91	2177679	83.46	ug/l	97
68) m/p-Xylenes	11.956	106	1654938	170.71	ug/l	87
69) o-Xylene	12.283	106	832520	86.66	ug/l	89
70) Styrene	12.296	104	1423947	93.29	ug/l	93
71) Bromoform	12.460	173	368444	90.86	ug/l #	99
73) Isopropylbenzene	12.581	105	2235947	80.23	ug/l	97
74) N-amyl acetate	12.390	43	786057	88.19	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	667183	78.14	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	598925m	86.17	ug/l	
77) Bromobenzene	12.862	156	515849	81.44	ug/l	74
78) n-propylbenzene	12.924	91	2596475	82.59	ug/l	96
79) 2-Chlorotoluene	13.010	91	1525372	83.38	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1890691	85.30	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	210198	88.78	ug/l	94
82) 4-Chlorotoluene	13.106	91	1538840	84.01	ug/l	92
83) tert-Butylbenzene	13.326	119	1674242	85.32	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	1877706	86.59	ug/l	94
85) sec-Butylbenzene	13.503	105	2411690	85.67	ug/l	97
86) p-Isopropyltoluene	13.616	119	2012133	90.28	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	998146	84.93	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	939690	80.54	ug/l	95
89) n-Butylbenzene	13.946	91	1695724	86.64	ug/l	97
90) Hexachloroethane	14.211	117	384367	84.28	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	932856	82.21	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	119290	81.95	ug/l	71
93) 1,2,4-Trichlorobenzene	15.265	180	435976	86.50	ug/l	98
94) Hexachlorobutadiene	15.370	225	227328	78.50	ug/l	99
95) Naphthalene	15.507	128	1179373	95.73	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	415322	85.75	ug/l	99

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

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