

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100621\
 Data File : VN068817.D
 Acq On : 6 Oct 2021 14:06
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 5:34:22 PM

Quant Time: Oct 06 14:23:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 14:09:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	466345	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	802471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	803365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	394049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1045106	155.93	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	311.86%#		
35) Dibromofluoromethane	8.021	113	821071	160.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	321.60%#		
50) Toluene-d8	10.443	98	3313446	175.25	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	350.50%#		
62) 4-Bromofluorobenzene	12.733	95	1249154	191.91	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	383.82%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	553335	110.11	ug/l	99
3) Chloromethane	2.298	50	494368	88.95	ug/l	99
4) Vinyl Chloride	2.443	62	1038474	101.05	ug/l	98
5) Bromomethane	2.816	94	635203	74.56	ug/l	97
6) Chloroethane	2.987	64	832946	95.97	ug/l	98
7) Trichlorofluoromethane	3.357	101	954296	107.62	ug/l	100
8) Diethyl Ether	3.824	74	337107	120.65	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.205	101	556629	110.07	ug/l	94
10) Methyl Iodide	4.419	142	697750	156.72	ug/l	93
11) Tert butyl alcohol	5.371	59	620725	717.56	ug/l	99
12) 1,1-Dichloroethene	4.178	96	488775	112.95	ug/l	86
13) Acrolein	4.041	56	333967	1561.41	ug/l	99
14) Allyl chloride	4.838	41	859663	127.55	ug/l #	91
15) Acrylonitrile	5.551	53	1545104	638.67	ug/l	99
16) Acetone	4.283	43	1323742	175.20	ug/l	94
17) Carbon Disulfide	4.529	76	990338	103.00	ug/l	99
18) Methyl Acetate	4.848	43	953710	123.25	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	2253553	131.34	ug/l	98
20) Methylene Chloride	5.098	84	639347	114.09	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	576561	119.19	ug/l	87
22) Diisopropyl ether	6.495	45	2117429	133.19	ug/l #	95
23) Vinyl Acetate	6.431	43	8499779	678.38	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1170388	120.99	ug/l	98
25) 2-Butanone	7.332	43	2226145	618.54	ug/l	93
26) 2,2-Dichloropropane	7.327	77	1155129	126.87	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	774435	124.27	ug/l	85
28) Bromochloromethane	7.659	49	668322	148.40	ug/l #	75
29) Tetrahydrofuran	7.681	42	1407384	634.67	ug/l	89
30) Chloroform	7.817	83	1399653	123.37	ug/l	99
31) Cyclohexane	8.096	56	872181	107.19	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	1278064	126.67	ug/l	97
36) 1,1-Dichloropropene	8.222	75	892951	120.19	ug/l	95
37) Ethyl Acetate	7.412	43	904038	128.32	ug/l	99
38) Carbon Tetrachloride	8.206	117	1100405	125.00	ug/l	99
39) Methylcyclohexane	9.461	83	1014748	118.84	ug/l	89
40) Benzene	8.461	78	2767396	122.23	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	444496	132.27	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	1088237	122.45	ug/l	97
43) Isopropyl Acetate	8.560	43	1623280	125.95	ug/l	96
44) Trichloroethene	9.217	130	728533	121.16	ug/l	87
45) 1,2-Dichloropropane	9.491	63	731982	125.10	ug/l	99
46) Dibromomethane	9.579	93	561903	125.28	ug/l	94
47) Bromodichloromethane	9.762	83	1180691	130.79	ug/l	98
48) Methyl methacrylate	9.561	41	713575	131.81	ug/l #	84
49) 1,4-Dioxane	9.569	88	303053	3352.45	ug/l	87
51) 4-Methyl-2-Pentanone	10.333	43	5299066	678.19	ug/l	96
52) Toluene	10.507	92	1951085	129.81	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	1267005	139.60	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	1276877	133.60	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	813451	126.55	ug/l	96
56) Ethyl methacrylate	10.762	69	1249345	147.52	ug/l	93
57) 1,3-Dichloropropane	11.047	76	1295492	129.06	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	1812545	1065.54	ug/l	91
59) 2-Hexanone	11.087	43	3761725	697.46	ug/l	94
60) Dibromochloromethane	11.240	129	949538	140.56	ug/l	99
61) 1,2-Dibromoethane	11.347	107	827933	131.82	ug/l	99
64) Tetrachloroethene	10.979	164	643586	109.74	ug/l	96
65) Chlorobenzene	11.771	112	2207493	122.68	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	907619	130.45	ug/l	99
67) Ethyl Benzene	11.846	91	4112552	130.06	ug/l	96
68) m/p-Xylenes	11.956	106	3158884	268.87	ug/l	87
69) o-Xylene	12.283	106	1620719	139.21	ug/l	87
70) Styrene	12.296	104	2843583	153.73	ug/l	93
71) Bromoform	12.460	173	717540	146.02	ug/l #	100
73) Isopropylbenzene	12.581	105	4332167	123.82	ug/l	98
74) N-amyl acetate	12.388	43	1486865	132.87	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	1209614	112.85	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	1015788m	116.41	ug/l	
77) Bromobenzene	12.862	156	982484	123.55	ug/l	73
78) n-propylbenzene	12.921	91	4932679	124.98	ug/l	95
79) 2-Chlorotoluene	13.010	91	2887199	125.71	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	3614701	129.89	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	400865	134.87	ug/l	91
82) 4-Chlorotoluene	13.106	91	2942766	127.96	ug/l	91
83) tert-Butylbenzene	13.326	119	3242977	131.63	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	3643418	133.83	ug/l	94
85) sec-Butylbenzene	13.503	105	4635428	131.15	ug/l	96
86) p-Isopropyltoluene	13.619	119	3945799	141.01	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	1938231	131.37	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	1832545	125.11	ug/l	95
89) n-Butylbenzene	13.943	91	3288788	133.84	ug/l	97
90) Hexachloroethane	14.211	117	717684	125.35	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	1772630	124.43	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	220807	120.82	ug/l	69
93) 1,2,4-Trichlorobenzene	15.265	180	852968	134.80	ug/l	99
94) Hexachlorobutadiene	15.370	225	401081	110.32	ug/l	99
95) Naphthalene	15.507	128	2395852	154.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	808727	133.01	ug/l	99

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

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