

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031221\
 Data File : VN066180.D
 Acq On : 12 Mar 2021 11:27
 Operator : JC/MD
 Sample : VSTDIC200
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC200

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:41:22 PM

Quant Time: Mar 12 11:50:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 12 11:43:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	375585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	600090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	579322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	322634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	1257768	216.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 433.90%#			
35) Dibromofluoromethane	7.509	113	869524	221.36	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 442.72%#			
50) Toluene-d8	10.031	98	3417913	204.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 408.24%#			
62) 4-Bromofluorobenzene	12.345	95	1372954	232.94	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 465.88%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	781281	189.02	ug/l	98
3) Chloromethane	2.019	50	1259384	196.74	ug/l	98
4) Vinyl Chloride	2.148	62	1150089	199.94	ug/l	100
5) Bromomethane	2.473	94	699608	223.92	ug/l	97
6) Chloroethane	2.634	64	619162	189.79	ug/l	100
7) Trichlorofluoromethane	2.955	101	1259469	183.73	ug/l	98
8) Diethyl Ether	3.342	74	492948	192.58	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.677	101	635896	179.99	ug/l	99
10) Methyl Iodide	3.865	142	917287	193.57	ug/l	98
11) Tert butyl alcohol	4.726	59	982948	1028.64	ug/l	99
12) 1,1-Dichloroethene	3.655	96	657480	189.18	ug/l	99
13) Acrolein	3.529	56	994454	924.50	ug/l	100
14) Allyl chloride	4.227	41	1923799	190.82	ug/l	99
15) Acrylonitrile	4.886	53	2794722	940.28	ug/l	100
16) Acetone	3.741	43	2515501	936.94	ug/l	99
17) Carbon Disulfide	3.964	76	2003374	187.03	ug/l	99
18) Methyl Acetate	4.235	43	1526175	185.29	ug/l	100
19) Methyl tert-butyl Ether	4.948	73	2784042	188.38	ug/l	98
20) Methylene Chloride	4.452	84	826533	185.69	ug/l	93
21) trans-1,2-Dichloroethene	4.932	96	775890	192.78	ug/l	99
22) Diisopropyl ether	5.860	45	3754674	190.74	ug/l	98
23) Vinyl Acetate	5.798	43	14062522	828.17	ug/l #	92
24) 1,1-Dichloroethane	5.745	63	1719348	184.62	ug/l	99
25) 2-Butanone	6.748	43	4740514	1019.09	ug/l	99
26) 2,2-Dichloropropane	6.726	77	1586680	204.88	ug/l	99
27) cis-1,2-Dichloroethene	6.732	96	1031041	209.35	ug/l	98
28) Bromochloromethane	7.107	49	1108354	218.50	ug/l	100
29) Tetrahydrofuran	7.126	42	3286528	1017.78	ug/l	99
30) Chloroform	7.287	83	1778124	202.49	ug/l	98
31) Cyclohexane	7.571	56	1808427	208.60	ug/l	96
32) 1,1,1-Trichloroethane	7.485	97	1490101	200.76	ug/l	99
36) 1,1-Dichloropropene	7.711	75	1376752	208.12	ug/l	99
37) Ethyl Acetate	6.842	43	1892041	197.02	ug/l	98
38) Carbon Tetrachloride	7.692	117	1242498	201.71	ug/l	97
39) Methylcyclohexane	9.014	83	1577444	210.84	ug/l	98
40) Benzene	7.963	78	4062210	199.89	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	1037836	205.22	ug/l	99
42) 1,2-Dichloroethane	8.049	62	1528474	200.02	ug/l	99
43) Isopropyl Acetate	8.094	43	3183304	199.96	ug/l	100
44) Trichloroethene	8.767	130	967080	200.93	ug/l	98
45) 1,2-Dichloropropane	9.052	63	1210042	197.38	ug/l	98
46) Dibromomethane	9.143	93	670287	198.75	ug/l	99
47) Bromodichloromethane	9.339	83	1456823	188.86	ug/l	100
48) Methyl methacrylate	9.135	41	1569307	206.96	ug/l	99
49) 1,4-Dioxane	9.137	88	346357	4879.70	ug/l	100
51) 4-Methyl-2-Pentanone	9.926	43	8124015	758.73	ug/l #	87
52) Toluene	10.095	92	2462369	191.78	ug/l	97
53) t-1,3-Dichloropropene	10.323	75	1755957	200.15	ug/l	100
54) cis-1,3-Dichloropropene	9.776	75	1847974	192.95	ug/l	99
55) 1,1,2-Trichloroethane	10.503	97	969155	190.16	ug/l	98
56) Ethyl methacrylate	10.371	69	1753127	204.87	ug/l	98
57) 1,3-Dichloropropane	10.647	76	1793226	191.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.634	63	2802079	1064.87	ug/l	99
59) 2-Hexanone	10.696	43	6580961	853.01	ug/l	89
60) Dibromochloromethane	10.843	129	1064671	200.16	ug/l	98
61) 1,2-Dibromoethane	10.948	107	1018119	198.56	ug/l	99
64) Tetrachloroethene	10.572	164	960045	180.69	ug/l	97
65) Chlorobenzene	11.374	112	2538319	205.48	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.452	131	970144	203.25	ug/l	100
67) Ethyl Benzene	11.455	91	4661352	196.74	ug/l	95
68) m/p-Xylenes	11.565	106	3590323	421.03	ug/l	87
69) o-Xylene	11.892	106	1747894	215.67	ug/l	95
70) Styrene	11.908	104	3038691	221.70	ug/l	99
71) Bromoform	12.071	173	835341	222.22	ug/l #	99
73) Isopropylbenzene	12.192	105	4515095	175.14	ug/l	97
74) N-amyl acetate	12.015	43	2899847	223.45	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.450	83	1707559	195.52	ug/l	100
76) 1,2,3-Trichloropropane	12.498	75	1580572m	192.23	ug/l	
77) Bromobenzene	12.468	156	1194559	192.47	ug/l	99
78) n-propylbenzene	12.535	91	5377715	177.06	ug/l	96
79) 2-Chlorotoluene	12.619	91	3413244	190.07	ug/l	100
80) 1,3,5-Trimethylbenzene	12.678	105	4021054	187.30	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.243	75	619809	206.47	ug/l	97
82) 4-Chlorotoluene	12.715	91	3598748	195.10	ug/l	98
83) tert-Butylbenzene	12.938	119	3397280	188.11	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	4089779	188.18	ug/l	96
85) sec-Butylbenzene	13.115	105	4572222	187.45	ug/l	98
86) p-Isopropyltoluene	13.233	119	4244830	196.24	ug/l	98
87) 1,3-Dichlorobenzene	13.227	146	2269462	209.48	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	2267782	214.57	ug/l	97
89) n-Butylbenzene	13.557	91	4079931	214.88	ug/l	96
90) Hexachloroethane	13.815	117	703185	214.11	ug/l	98
91) 1,2-Dichlorobenzene	13.595	146	2198365	199.69	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.212	75	370803	192.50	ug/l	93
93) 1,2,4-Trichlorobenzene	14.850	180	1435569	222.00	ug/l	99
94) Hexachlorobutadiene	14.949	225	693660	195.56	ug/l	100
95) Naphthalene	15.067	128	4105467	214.38	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	1405286	213.81	ug/l	100

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

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