

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041021\
 Data File : VN066567.D
 Acq On : 9 Apr 2021 20:10
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 10:58:14 AM

Quant Time: Apr 10 05:51:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041021W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 10 05:46:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	175085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	286405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	288942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	149108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	492932	199.35	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 398.70%#			
35) Dibromofluoromethane	7.501	113	330000	167.35	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 334.70%#			
50) Toluene-d8	10.028	98	1325241	175.95	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 351.90%#			
62) 4-Bromofluorobenzene	12.342	95	501479	202.82	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 405.64%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.813	85	393428	189.63	ug/l	99
3) Chloromethane	2.014	50	482088	176.44	ug/l	100
4) Vinyl Chloride	2.140	62	460796	154.53	ug/l	99
5) Bromomethane	2.475	94	303738	142.34	ug/l	97
6) Chloroethane	2.628	64	278957	144.12	ug/l	98
7) Trichlorofluoromethane	2.947	101	637325	160.99	ug/l	100
8) Diethyl Ether	3.336	74	239805	208.08	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.669	101	319198	182.16	ug/l	99
10) Methyl Iodide	3.859	142	427841	171.42	ug/l	99
11) Tert butyl alcohol	4.717	59	354028	895.15	ug/l #	83
12) 1,1-Dichloroethene	3.647	96	313870	181.09	ug/l	98
13) Acrolein	3.524	56	401377	1377.86	ug/l	96
14) Allyl chloride	4.219	41	905527	265.48	ug/l	98
15) Acrylonitrile	4.878	53	1049230	951.37	ug/l	99
16) Acetone	3.736	43	1256730	1119.67	ug/l	99
17) Carbon Disulfide	3.953	76	1005295	177.09	ug/l	98
18) Methyl Acetate	4.229	43	709013	244.40	ug/l	99
19) Methyl tert-butyl Ether	4.940	73	1101443	185.56	ug/l	99
20) Methylene Chloride	4.438	84	374947	169.84	ug/l	99
21) trans-1,2-Dichloroethene	4.919	96	307322	160.16	ug/l	98
22) Diisopropyl ether	5.857	45	1511072	225.78	ug/l	96
23) Vinyl Acetate	5.793	43	6715863	1148.85	ug/l	99
24) 1,1-Dichloroethane	5.737	63	649679	176.16	ug/l	99
25) 2-Butanone	6.745	43	1634777	1054.10	ug/l	100
26) 2,2-Dichloropropane	6.718	77	530387	170.34	ug/l	99
27) cis-1,2-Dichloroethene	6.723	96	359244	163.35	ug/l	99
28) Bromochloromethane	7.099	49	398927	205.48	ug/l	96
29) Tetrahydrofuran	7.123	42	1157862	1106.19	ug/l	98
30) Chloroform	7.281	83	678793	182.16	ug/l	96
31) Cyclohexane	7.563	56	622373	185.39	ug/l	98
32) 1,1,1-Trichloroethane	7.480	97	587896	182.38	ug/l	100
36) 1,1-Dichloropropene	7.705	75	500477	176.27	ug/l	99
37) Ethyl Acetate	6.839	43	688984	192.60	ug/l #	91
38) Carbon Tetrachloride	7.686	117	500032	173.48	ug/l	98
39) Methylcyclohexane	9.006	83	569452	177.08	ug/l	97
40) Benzene	7.957	78	1511187	171.02	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.077	41	352591	205.23	ug/l	95
42) 1,2-Dichloroethane	8.043	62	590246	185.01	ug/l	99
43) Isopropyl Acetate	8.091	43	1173888	208.06	ug/l	99
44) Trichloroethene	8.762	130	336439	151.87	ug/l	99
45) 1,2-Dichloropropane	9.046	63	424454	177.68	ug/l	99
46) Dibromomethane	9.137	93	264908	172.05	ug/l	99
47) Bromodichloromethane	9.333	83	572276	179.33	ug/l	99
48) Methyl methacrylate	9.132	41	586118	229.06	ug/l	99
49) 1,4-Dioxane	9.137	88	135040	4035.34	ug/l	97
51) 4-Methyl-2-Pentanone	9.923	43	3799875	1129.54	ug/l	99
52) Toluene	10.092	92	947791	177.00	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	649945	195.42	ug/l	98
54) cis-1,3-Dichloropropene	9.773	75	663075	183.36	ug/l	97
55) 1,1,2-Trichloroethane	10.500	97	374978	170.70	ug/l	98
56) Ethyl methacrylate	10.371	69	647823	216.08	ug/l	100
57) 1,3-Dichloropropane	10.645	76	656725	180.18	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.631	63	411642	1051.08	ug/l	98
59) 2-Hexanone	10.693	43	2777833	1239.84	ug/l	99
60) Dibromochloromethane	10.843	129	424212	174.66	ug/l	100
61) 1,2-Dibromoethane	10.945	107	391168	172.79	ug/l	99
64) Tetrachloroethene	10.569	164	290305	124.45	ug/l	99
65) Chlorobenzene	11.374	112	956720	158.64	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	366521	159.61	ug/l	99
67) Ethyl Benzene	11.452	91	1887563	180.07	ug/l	97
68) m/p-Xylenes	11.564	106	1385120	354.80	ug/l	99
69) o-Xylene	11.889	106	660395	174.94	ug/l	98
70) Styrene	11.905	104	1175722	198.51	ug/l	98
71) Bromoform	12.069	173	310854	168.84	ug/l #	100
73) Isopropylbenzene	12.192	105	1827893	167.83	ug/l	99
74) N-amyl acetate	12.015	43	1001816	345.13	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.450	83	621120	150.44	ug/l	98
76) 1,2,3-Trichloropropane	12.498	75	574791m	168.06	ug/l	
77) Bromobenzene	12.468	156	418830	146.53	ug/l	98
78) n-propylbenzene	12.535	91	2222212	180.12	ug/l	100
79) 2-Chlorotoluene	12.618	91	1287751	171.17	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	1574153	173.03	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	201658	191.78	ug/l	94
82) 4-Chlorotoluene	12.715	91	1363011	183.29	ug/l	99
83) tert-Butylbenzene	12.938	119	1285919	156.90	ug/l	97
84) 1,2,4-Trimethylbenzene	12.983	105	1550179	175.55	ug/l	99
85) sec-Butylbenzene	13.115	105	1780101	173.30	ug/l	99
86) p-Isopropyltoluene	13.233	119	1574832	178.37	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	746576	150.77	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	756040	144.75	ug/l	96
89) n-Butylbenzene	13.557	91	1486369	185.17	ug/l	98
90) Hexachloroethane	13.815	117	294798	158.96	ug/l	97
91) 1,2-Dichlorobenzene	13.595	146	734802	150.27	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.228	75	127997	132.40	ug/l	99
93) 1,2,4-Trichlorobenzene	14.979	180	425105	127.75	ug/l	99
94) Hexachlorobutadiene	15.107	225	211468	127.01	ug/l	99
95) Naphthalene	15.260	128	1270830	104.71	ug/l	100
96) 1,2,3-Trichlorobenzene	15.499	180	403523	114.55	ug/l	97

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

