

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041021\
 Data File : VN066566.D
 Acq On : 9 Apr 2021 19:46
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 10:58:09 AM

Quant Time: Apr 10 05:51:14 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	170781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	279249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	284295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	140592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	308837	128.05	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 256.10%#			
35) Dibromofluoromethane	7.504	113	207128	107.73	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 215.46%#			
50) Toluene-d8	10.025	98	822958	112.07	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 224.14%#			
62) 4-Bromofluorobenzene	12.345	95	314225	130.34	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 260.68%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.813	85	259554	128.26	ug/l	98
3) Chloromethane	2.014	50	313386	117.58	ug/l	97
4) Vinyl Chloride	2.143	62	310887	106.88	ug/l	99
5) Bromomethane	2.489	94	195164	93.77	ug/l	98
6) Chloroethane	2.636	64	203420	107.74	ug/l	97
7) Trichlorofluoromethane	2.953	101	439558	113.83	ug/l	100
8) Diethyl Ether	3.336	74	159637	142.01	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.669	101	223733	130.90	ug/l	98
10) Methyl Iodide	3.862	142	299630	123.08	ug/l	98
11) Tert butyl alcohol	4.712	59	222016	575.51	ug/l #	82
12) 1,1-Dichloroethene	3.650	96	217089	128.41	ug/l	96
13) Acrolein	3.524	56	272741	959.87	ug/l	96
14) Allyl chloride	4.218	41	619578	186.22	ug/l	99
15) Acrylonitrile	4.878	53	663830	617.08	ug/l	100
16) Acetone	3.736	43	837495	764.96	ug/l	100
17) Carbon Disulfide	3.956	76	692090	124.99	ug/l	98
18) Methyl Acetate	4.229	43	493357	174.35	ug/l	99
19) Methyl tert-butyl Ether	4.940	73	723758	125.00	ug/l	99
20) Methylene Chloride	4.441	84	252138	117.09	ug/l	99
21) trans-1,2-Dichloroethene	4.921	96	206341	110.25	ug/l	97
22) Diisopropyl ether	5.854	45	975740	149.46	ug/l	99
23) Vinyl Acetate	5.793	43	4262698	747.57	ug/l	100
24) 1,1-Dichloroethane	5.739	63	435858	121.16	ug/l	99
25) 2-Butanone	6.742	43	1020830	674.82	ug/l	100
26) 2,2-Dichloropropane	6.721	77	356662	117.43	ug/l	98
27) cis-1,2-Dichloroethene	6.726	96	241456	112.56	ug/l	99
28) Bromochloromethane	7.102	49	251667	132.90	ug/l	97
29) Tetrahydrofuran	7.126	42	724777	709.88	ug/l	99
30) Chloroform	7.281	83	452386	124.46	ug/l	97
31) Cyclohexane	7.566	56	409797	125.15	ug/l	98
32) 1,1,1-Trichloroethane	7.480	97	394213	125.38	ug/l	99
36) 1,1-Dichloropropene	7.705	75	331944	119.91	ug/l	99
37) Ethyl Acetate	6.839	43	438982	125.86	ug/l #	90
38) Carbon Tetrachloride	7.689	117	331885	118.09	ug/l	98
39) Methylcyclohexane	9.006	83	371527	118.49	ug/l	96
40) Benzene	7.957	78	1007320	116.92	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	220630	131.71	ug/l	94
42) 1,2-Dichloroethane	8.043	62	396521	127.47	ug/l	99
43) Isopropyl Acetate	8.091	43	750090	136.35	ug/l	99
44) Trichloroethene	8.762	130	219988	101.85	ug/l	97
45) 1,2-Dichloropropane	9.046	63	278740	119.67	ug/l	100
46) Dibromomethane	9.137	93	176674	117.68	ug/l	99
47) Bromodichloromethane	9.336	83	383181	123.15	ug/l	100
48) Methyl methacrylate	9.132	41	373417	149.68	ug/l	99
49) 1,4-Dioxane	9.135	88	85381	2616.78	ug/l	97
51) 4-Methyl-2-Pentanone	9.920	43	2426433	739.76	ug/l	100
52) Toluene	10.092	92	633133	121.27	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	415934	128.27	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	437030	123.95	ug/l	99
55) 1,1,2-Trichloroethane	10.500	97	245607	114.67	ug/l	99
56) Ethyl methacrylate	10.371	69	411620	140.81	ug/l	99
57) 1,3-Dichloropropane	10.645	76	435611	122.58	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.631	63	229639	601.38	ug/l	97
59) 2-Hexanone	10.693	43	1754862	803.33	ug/l	99
60) Dibromochloromethane	10.840	129	279798	118.16	ug/l	100
61) 1,2-Dibromoethane	10.945	107	253673	114.92	ug/l	99
64) Tetrachloroethene	10.569	164	194671	84.82	ug/l	97
65) Chlorobenzene	11.374	112	634323	106.90	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	245522	108.67	ug/l	98
67) Ethyl Benzene	11.452	91	1236126	119.85	ug/l	97
68) m/p-Xylenes	11.564	106	912973	237.68	ug/l	99
69) o-Xylene	11.889	106	430843	116.00	ug/l	99
70) Styrene	11.905	104	763504	131.02	ug/l	99
71) Bromoform	12.071	173	201610	111.29	ug/l #	99
73) Isopropylbenzene	12.192	105	1204924	117.33	ug/l	99
74) N-amyl acetate	12.015	43	598470	218.67	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	407022	104.55	ug/l	95
76) 1,2,3-Trichloropropane	12.498	75	376465m	116.74	ug/l	
77) Bromobenzene	12.468	156	278353	103.28	ug/l	99
78) n-propylbenzene	12.535	91	1453882	124.98	ug/l	100
79) 2-Chlorotoluene	12.616	91	848109	119.56	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	1039986	121.24	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	130376	131.50	ug/l	98
82) 4-Chlorotoluene	12.715	91	890533	127.01	ug/l	100
83) tert-Butylbenzene	12.938	119	839187	108.60	ug/l	96
84) 1,2,4-Trimethylbenzene	12.983	105	1014008	121.79	ug/l	99
85) sec-Butylbenzene	13.115	105	1172524	121.06	ug/l	99
86) p-Isopropyltoluene	13.233	119	1029584	123.67	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	499894	107.07	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	493689	100.25	ug/l	97
89) n-Butylbenzene	13.557	91	946826	125.10	ug/l	98
90) Hexachloroethane	13.815	117	198709	113.64	ug/l	96
91) 1,2-Dichlorobenzene	13.595	146	485094	105.21	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.228	75	81039	88.90	ug/l	99
93) 1,2,4-Trichlorobenzene	14.979	180	270208	86.12	ug/l	99
94) Hexachlorobutadiene	15.107	225	136050	86.67	ug/l	98
95) Naphthalene	15.263	128	778381	68.02	ug/l	100
96) 1,2,3-Trichlorobenzene	15.499	180	255705	76.98	ug/l	98

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

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