

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
 Data File : VN066488.D
 Acq On : 6 Apr 2021 12:10
 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

SAM
 4/7/2021 5:47:03 PM

Quant Time: Apr 06 12:31:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 12:21:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	326576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	500078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	489125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	246932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	700804	164.21	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 328.42%#			
35) Dibromofluoromethane	7.504	113	536736	161.62	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 323.24%#			
50) Toluene-d8	10.028	98	2156765	171.34	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 342.68%#			
62) 4-Bromofluorobenzene	12.345	95	757816	175.00	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 350.00%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.815	85	577284	142.93	ug/l	100
3) Chloromethane	2.014	50	684982	141.31	ug/l	98
4) Vinyl Chloride	2.143	62	790725	164.51	ug/l	99
5) Bromomethane	2.478	94	576406	177.08	ug/l	100
6) Chloroethane	2.628	64	523937	172.32	ug/l	99
7) Trichlorofluoromethane	2.947	101	1031501	157.15	ug/l	100
8) Diethyl Ether	3.336	74	304307	120.14	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.674	101	445487	125.34	ug/l	99
10) Methyl Iodide	3.865	142	710078	140.93	ug/l	99
11) Tert butyl alcohol	4.691	59	571943	886.03	ug/l #	85
12) 1,1-Dichloroethene	3.653	96	452662	125.16	ug/l	96
13) Acrolein	3.527	56	285083	666.97	ug/l	100
14) Allyl chloride	4.227	41	883940	128.55	ug/l	98
15) Acrylonitrile	4.876	53	1666674	901.47	ug/l	98
16) Acetone	3.733	43	1299226	584.76	ug/l	98
17) Carbon Disulfide	3.964	76	1407032	131.32	ug/l	100
18) Methyl Acetate	4.227	43	690734	120.11	ug/l	98
19) Methyl tert-butyl Ether	4.935	73	1755241	159.17	ug/l	98
20) Methylene Chloride	4.452	84	565337	127.99	ug/l	98
21) trans-1,2-Dichloroethene	4.932	96	536571	157.54	ug/l	99
22) Diisopropyl ether	5.849	45	1991227	172.43	ug/l	99
23) Vinyl Acetate	5.790	43	8902611	904.60	ug/l	99
24) 1,1-Dichloroethane	5.742	63	1031954	161.60	ug/l	99
25) 2-Butanone	6.732	43	2280999	891.78	ug/l	100
26) 2,2-Dichloropropane	6.723	77	874310	154.64	ug/l	100
27) cis-1,2-Dichloroethene	6.729	96	635321	160.15	ug/l	100
28) Bromochloromethane	7.102	49	552237	173.38	ug/l	95
29) Tetrahydrofuran	7.118	42	1557730	929.70	ug/l	99
30) Chloroform	7.284	83	1038344	162.22	ug/l	99
31) Cyclohexane	7.568	56	935842	157.38	ug/l	94
32) 1,1,1-Trichloroethane	7.485	97	892090	158.98	ug/l	100
36) 1,1-Dichloropropene	7.710	75	789910	166.53	ug/l	99
37) Ethyl Acetate	6.831	43	962862	183.52	ug/l	100
38) Carbon Tetrachloride	7.692	117	757445	158.06	ug/l	99
39) Methylcyclohexane	9.011	83	935257	163.41	ug/l	98
40) Benzene	7.963	78	2443706	169.34	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.086	41	432848m	170.58	ug/l	
42) 1,2-Dichloroethane	8.046	62	832970	162.48	ug/l	100
43) Isopropyl Acetate	8.089	43	1558787	174.99	ug/l #	92
44) Trichloroethene	8.764	130	587456	155.15	ug/l	98
45) 1,2-Dichloropropane	9.049	63	653464	170.06	ug/l	98
46) Dibromomethane	9.140	93	420318	167.28	ug/l	98
47) Bromodichloromethane	9.336	83	852432	164.00	ug/l	98
48) Methyl methacrylate	9.132	41	749017	178.12	ug/l	97
49) 1,4-Dioxane	9.132	88	199111	3709.71	ug/l	99
51) 4-Methyl-2-Pentanone	9.920	43	4791374	913.33	ug/l	98
52) Toluene	10.092	92	1542422	173.80	ug/l	100
53) t-1,3-Dichloropropene	10.320	75	988817	176.12	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	1051639	174.61	ug/l	96
55) 1,1,2-Trichloroethane	10.502	97	611227	171.22	ug/l	98
56) Ethyl methacrylate	10.368	69	982215	182.35	ug/l	96
57) 1,3-Dichloropropane	10.645	76	1039249	175.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	832992	1586.78	ug/l	98
59) 2-Hexanone	10.693	43	3544966	968.39	ug/l	98
60) Dibromochloromethane	10.843	129	686496	173.09	ug/l	99
61) 1,2-Dibromoethane	10.945	107	642768	172.85	ug/l	100
64) Tetrachloroethene	10.572	164	564258	135.07	ug/l	99
65) Chlorobenzene	11.374	112	1577531	160.07	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.452	131	603353	159.52	ug/l	99
67) Ethyl Benzene	11.454	91	2951325	165.60	ug/l	99
68) m/p-Xylenes	11.564	106	2252517	332.18	ug/l	97
69) o-Xylene	11.889	106	1078964	165.50	ug/l	100
70) Styrene	11.908	104	1818959	172.55	ug/l	99
71) Bromoform	12.071	173	523482	167.28	ug/l #	99
73) Isopropylbenzene	12.192	105	2850387	154.16	ug/l	99
74) N-amyl acetate	12.015	43	1137174	188.70	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	923589	155.37	ug/l	97
76) 1,2,3-Trichloropropane	12.498	75	860354m	156.19	ug/l	
77) Bromobenzene	12.468	156	714863	152.92	ug/l	97
78) n-propylbenzene	12.535	91	3274058	162.31	ug/l	100
79) 2-Chlorotoluene	12.618	91	1901186	153.56	ug/l	100
80) 1,3,5-Trimethylbenzene	12.677	105	2382370	157.42	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	317598	176.12	ug/l	99
82) 4-Chlorotoluene	12.715	91	1988302	161.91	ug/l	100
83) tert-Butylbenzene	12.938	119	2027234	155.81	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	2388562	162.71	ug/l	100
85) sec-Butylbenzene	13.115	105	2721671	161.86	ug/l	100
86) p-Isopropyltoluene	13.233	119	2469460	164.64	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	1247214	159.74	ug/l	100
88) 1,4-Dichlorobenzene	13.308	146	1261414	155.79	ug/l	99
89) n-Butylbenzene	13.557	91	2150872	174.53	ug/l	99
90) Hexachloroethane	13.815	117	450745	164.80	ug/l	97
91) 1,2-Dichlorobenzene	13.595	146	1217770	158.29	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.228	75	189912	168.01	ug/l	99
93) 1,2,4-Trichlorobenzene	14.979	180	782629	165.98	ug/l	100
94) Hexachlorobutadiene	15.107	225	390843	150.66	ug/l	99
95) Naphthalene	15.260	128	2261268	159.29	ug/l	100
96) 1,2,3-Trichlorobenzene	15.499	180	751740	158.38	ug/l	100

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

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