

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066335.D
 Acq On : 25 Mar 2021 16:57
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
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SAM
 3/29/2021 5:12:25 PM

Quant Time: Mar 26 05:35:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 05:30:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	493760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	760411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	705023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	351548	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	971646	110.92	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	221.84%#
35) Dibromofluoromethane	7.509	113	760307	146.74	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	293.48%#
50) Toluene-d8	10.028	98	2930002	144.14	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	288.28%#
62) 4-Bromofluorobenzene	12.345	95	1045054	139.25	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	278.50%#

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.815	85	931163	150.86	ug/l 100
3) Chloromethane	2.014	50	976882	93.14	ug/l 100
4) Vinyl Chloride	2.145	62	1023779	120.14	ug/l 99
5) Bromomethane	2.510	94	624403	130.46	ug/l 99
6) Chloroethane	2.644	64	635802	133.74	ug/l 99
7) Trichlorofluoromethane	2.958	101	1460974	153.56	ug/l 100
8) Diethyl Ether	3.342	74	564378	145.74	ug/l 98
9) 1,1,2-Trichlorotrifluo...	3.677	101	812193	173.26	ug/l 99
10) Methyl Iodide	3.867	142	1178425	203.11	ug/l 100
11) Tert butyl alcohol	4.744	59	654153	439.14	ug/l # 84
12) 1,1-Dichloroethene	3.658	96	816974	160.08	ug/l 99
13) Acrolein	3.532	56	348252	356.73	ug/l 100
14) Allyl chloride	4.227	41	1653214	112.34	ug/l 98
15) Acrylonitrile	4.886	53	2000777	468.10	ug/l 99
16) Acetone	3.746	43	2263804	497.38	ug/l 100
17) Carbon Disulfide	3.966	76	2398490	151.28	ug/l 99
18) Methyl Acetate	4.237	43	1304636	116.34	ug/l 100
19) Methyl tert-butyl Ether	4.945	73	2447619	113.80	ug/l 99
20) Methylene Chloride	4.449	84	913473	132.77	ug/l 97
21) trans-1,2-Dichloroethene	4.929	96	756727	131.70	ug/l 99
22) Diisopropyl ether	5.860	45	2674984	93.84	ug/l 98
23) Vinyl Acetate	5.798	43	11076776	452.90	ug/l 96
24) 1,1-Dichloroethane	5.745	63	1388098	104.41	ug/l 99
25) 2-Butanone	6.750	43	2781149	413.85	ug/l 98
26) 2,2-Dichloropropane	6.726	77	1255212	113.10	ug/l 100
27) cis-1,2-Dichloroethene	6.732	96	877834	125.70	ug/l 99
28) Bromochloromethane	7.104	49	721133	94.99	ug/l 99
29) Tetrahydrofuran	7.131	42	1904345	410.91	ug/l 99
30) Chloroform	7.287	83	1430749	118.26	ug/l 99
31) Cyclohexane	7.571	56	1300095	103.13	ug/l 97
32) 1,1,1-Trichloroethane	7.485	97	1259619	123.20	ug/l 99
36) 1,1-Dichloropropene	7.710	75	1084509	129.52	ug/l 100
37) Ethyl Acetate	6.844	43	1164596	94.62	ug/l 99
38) Carbon Tetrachloride	7.692	117	1079224	145.07	ug/l 99
39) Methylcyclohexane	9.011	83	1341110	147.56	ug/l 99
40) Benzene	7.963	78	3239536	132.10	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	600075	102.11	ug/l	93
42) 1,2-Dichloroethane	8.048	62	1153646	117.87	ug/l	100
43) Isopropyl Acetate	8.094	43	2038249	101.87	ug/l	99
44) Trichloroethene	8.767	130	851916	143.92	ug/l	99
45) 1,2-Dichloropropane	9.051	63	853236	117.24	ug/l	100
46) Dibromomethane	9.140	93	579648	142.47	ug/l	99
47) Bromodichloromethane	9.338	83	1188745	133.37	ug/l	98
48) Methyl methacrylate	9.137	41	987192	100.87	ug/l	100
49) 1,4-Dioxane	9.153	88	222572	2369.24	ug/l	99
51) 4-Methyl-2-Pentanone	9.926	43	5715042	471.21	ug/l	97
52) Toluene	10.095	92	2086591	142.68	ug/l	98
53) t-1,3-Dichloropropene	10.323	75	1349107	129.66	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	1410006	126.04	ug/l	99
55) 1,1,2-Trichloroethane	10.502	97	814693	142.27	ug/l	99
56) Ethyl methacrylate	10.371	69	1304104	133.01	ug/l	99
57) 1,3-Dichloropropane	10.647	76	1350301	125.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.633	63	750982	246.80	ug/l	99
59) 2-Hexanone	10.695	43	4214375	486.11	ug/l	99
60) Dibromochloromethane	10.843	129	952736	156.48	ug/l	99
61) 1,2-Dibromoethane	10.948	107	855123	145.53	ug/l	99
64) Tetrachloroethene	10.572	164	839624	144.35	ug/l	99
65) Chlorobenzene	11.374	112	2129029	144.85	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.452	131	828312	151.33	ug/l	99
67) Ethyl Benzene	11.454	91	3895824	142.09	ug/l	96
68) m/p-Xylenes	11.564	106	3011481	302.12	ug/l	93
69) o-Xylene	11.892	106	1450399	151.48	ug/l	98
70) Styrene	11.908	104	2474046	157.54	ug/l	100
71) Bromoform	12.069	173	719866	170.59	ug/l #	100
73) Isopropylbenzene	12.192	105	3811544	140.17	ug/l	98
74) N-amyl acetate	12.015	43	1627593	123.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.449	83	1131553	118.13	ug/l	97
76) 1,2,3-Trichloropropane	12.498	75	1063978m	105.23	ug/l	
77) Bromobenzene	12.468	156	959280	150.83	ug/l	100
78) n-propylbenzene	12.535	91	4271449	133.39	ug/l	98
79) 2-Chlorotoluene	12.618	91	2521464	130.46	ug/l	100
80) 1,3,5-Trimethylbenzene	12.677	105	3168066	138.47	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	426239	132.36	ug/l	99
82) 4-Chlorotoluene	12.715	91	2676504	135.79	ug/l	100
83) tert-Butylbenzene	12.938	119	2695139	138.59	ug/l	100
84) 1,2,4-Trimethylbenzene	12.983	105	3142717	140.08	ug/l	100
85) sec-Butylbenzene	13.115	105	3612951	141.00	ug/l	99
86) p-Isopropyltoluene	13.233	119	3319398	145.72	ug/l	98
87) 1,3-Dichlorobenzene	13.227	146	1689030	146.62	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	1693532	144.85	ug/l	99
89) n-Butylbenzene	13.557	91	2941086	142.95	ug/l	99
90) Hexachloroethane	13.817	117	590265	163.73	ug/l	99
91) 1,2-Dichlorobenzene	13.595	146	1583716	138.93	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.212	75	239150	100.27	ug/l	98
93) 1,2,4-Trichlorobenzene	14.850	180	1069147	165.47	ug/l	100
94) Hexachlorobutadiene	14.949	225	535196	159.90	ug/l	100
95) Naphthalene	15.070	128	3029863	144.36	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	1041760	151.75	ug/l	100

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

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