

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121818\
 Data File : VN052956.D
 Acq On : 18 Dec 2018 12:42
 Operator : MD\SY
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 12:06:32 PM

Quant Time: Dec 18 13:03:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 12:41:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1087149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1670155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1499537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	741124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1688038	153.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.56%	
35) Dibromofluoromethane	7.59	113	1288841	174.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	348.88%	
50) Toluene-d8	10.09	98	6266117	153.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.52%	
62) 4-Bromofluorobenzene	12.40	95	2207280	154.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1576178	141.975	ug/l	100
3) Chloromethane	2.06	50	1913893	142.320	ug/l	99
4) Vinyl Chloride	2.19	62	1966880	144.821	ug/l	100
5) Bromomethane	2.56	94	1278537	134.273	ug/l	100
6) Chloroethane	2.70	64	1147262	142.214	ug/l	99
7) Trichlorofluoromethane	3.02	101	2451725	144.926	ug/l	99
8) Diethyl Ether	3.41	74	936374	147.072	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	1540996	142.477	ug/l	98
10) Methyl Iodide	3.96	142	2396005	161.520	ug/l	99
11) Tert butyl alcohol	4.77	59	517833	774.226	ug/l	99
12) 1,1-Dichloroethene	3.74	96	1513615	145.313	ug/l	99
13) Acrolein	3.60	56	493705	825.030	ug/l	99
14) Allyl chloride	4.32	41	2534153	159.565	ug/l	95
15) Acrylonitrile	4.98	53	2735083	727.739	ug/l	99
16) Acetone	3.81	43	1609713	743.003	ug/l	97
17) Carbon Disulfide	4.06	76	4750119	138.820	ug/l	99
18) Methyl Acetate	4.32	43	1506663	148.274	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	4137887	149.070	ug/l	98
20) Methylene Chloride	4.55	84	1684226	141.367	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	1604932	143.046	ug/l	99
22) Diisopropyl ether	5.95	45	5065156	147.422	ug/l	97
23) Vinyl Acetate	5.89	43	14459091	730.824	ug/l	98
24) 1,1-Dichloroethane	5.85	63	2963897	144.737	ug/l	99
25) 2-Butanone	6.83	43	2807946	778.358	ug/l	97
26) 2,2-Dichloropropane	6.82	77	2271409	145.415	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1852160	146.358	ug/l	99
28) Bromochloromethane	7.19	49	1320387	149.613	ug/l	95
29) Tetrahydrofuran	7.21	42	2019582	743.851	ug/l	98
30) Chloroform	7.37	83	2895964	143.812	ug/l	99
31) Cyclohexane	7.65	56	2816749	120.987	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	2512463	146.981	ug/l	99
36) 1,1-Dichloropropene	7.79	75	2329721	144.430	ug/l	100
37) Ethyl Acetate	6.93	43	1354584	151.642	ug/l	98
38) Carbon Tetrachloride	7.78	117	2217378	151.092	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2857661	146.108	ug/l	98
40) Benzene	8.04	78	6917008	144.114	ug/l	99
41) Methacrylonitrile	7.17	41	783519	151.841	ug/l	95
42) 1,2-Dichloroethane	8.12	62	2011757	141.462	ug/l	99
43) Isopropyl Acetate	8.16	43	2559721	125.164	ug/l	98
44) Trichloroethene	8.83	130	2009043	144.834	ug/l	97
45) 1,2-Dichloropropane	9.12	63	1819065	145.776	ug/l	98
46) Dibromomethane	9.21	93	1053532	144.766	ug/l	99
47) Bromodichloromethane	9.40	83	2279016	147.827	ug/l	99
48) Methyl methacrylate	9.20	41	1308139	150.768	ug/l	99
49) 1,4-Dioxane	9.20	88	322603	2924.505	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	6456526	744.009	ug/l	99
52) Toluene	10.16	92	4325794	145.658	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	2475565	153.705	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	2809889	151.647	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	1503745	145.037	ug/l	99
56) Ethyl methacrylate	10.43	69	2100762	154.743	ug/l	97
57) 1,3-Dichloropropane	10.71	76	2594629	146.111	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	5815085	781.583	ug/l	99
59) 2-Hexanone	10.75	43	4367936	743.921	ug/l	99
60) Dibromochloromethane	10.90	129	1761991	149.148	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1567099	149.580	ug/l	100
64) Tetrachloroethene	10.63	164	2304754	140.371	ug/l	99
65) Chlorobenzene	11.43	112	4800142	143.337	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1716737	148.223	ug/l	100
67) Ethyl Benzene	11.51	91	8337345	145.044	ug/l	100
68) m/p-Xylenes	11.62	106	6318955	288.994	ug/l	98
69) o-Xylene	11.95	106	3049579	145.510	ug/l	100
70) Styrene	11.96	104	5086867	149.518	ug/l	99
71) Bromoform	12.13	173	1256875	150.616	ug/l #	100
73) Isopropylbenzene	12.25	105	8073573	137.261	ug/l	99
74) N-amyl acetate	12.07	43	2366109	146.380	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	1563502	135.174	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1853300m	148.262	ug/l	
77) Bromobenzene	12.53	156	2098321	137.235	ug/l	99
78) n-propylbenzene	12.59	91	9335966	139.756	ug/l	99
79) 2-Chlorotoluene	12.68	91	5419325	129.349	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	6632760	138.549	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	613169	160.205	ug/l	92
82) 4-Chlorotoluene	12.77	91	5699823	140.782	ug/l	100
83) tert-Butylbenzene	12.99	119	5749803	135.307	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	6817868	142.259	ug/l	100
85) sec-Butylbenzene	13.17	105	7870762	137.234	ug/l	99
86) p-Isopropyltoluene	13.29	119	7063041	143.533	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	3810223	141.470	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	3778724	138.004	ug/l	99
89) n-Butylbenzene	13.62	91	6098913	144.166	ug/l	99
90) Hexachloroethane	13.88	117	1163814	156.324	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	3463548	135.766	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	277623	139.493	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	2032550	133.906	ug/l	100
94) Hexachlorobutadiene	15.01	225	981492	108.095	ug/l	99
95) Naphthalene	15.13	128	4489891	133.825	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1830324	128.702	ug/l	99

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

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