

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100418\
 Data File : VN051661.D
 Acq On : 4 Oct 2018 12:30
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:53:09 PM

Quant Time: Oct 05 02:10:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 01:55:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	723299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1084087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1055689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	630792	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1392344	145.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.44%	
35) Dibromofluoromethane	7.59	113	1310962	156.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	312.82%	
50) Toluene-d8	10.09	98	4936447	157.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.76%	
62) 4-Bromofluorobenzene	12.40	95	1840194	166.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	332.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1393139	162.305	ug/l	99
3) Chloromethane	2.06	50	1142884	138.458	ug/l	100
4) Vinyl Chloride	2.18	62	1793074	137.900	ug/l	99
5) Bromomethane	2.55	94	1387864	138.794	ug/l	99
6) Chloroethane	2.69	64	1160982	132.850	ug/l	100
7) Trichlorofluoromethane	3.00	101	2027923	136.796	ug/l	99
8) Diethyl Ether	3.41	74	532152	140.444	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	998401	138.148	ug/l	100
10) Methyl Iodide	3.95	142	1489979	169.130	ug/l	100
11) Tert butyl alcohol	4.80	59	466013	774.445	ug/l	100
12) 1,1-Dichloroethene	3.73	96	932711	138.470	ug/l	98
13) Acrolein	3.61	56	318008	783.853	ug/l	98
14) Allyl chloride	4.32	41	1466176	142.714	ug/l	97
15) Acrylonitrile	4.99	53	1663902	742.525	ug/l	99
16) Acetone	3.82	43	1139926	651.851	ug/l	98
17) Carbon Disulfide	4.05	76	2939644	143.575	ug/l	100
18) Methyl Acetate	4.33	43	769809	145.963	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	3294115	148.159	ug/l	100
20) Methylene Chloride	4.55	84	1159666	147.514	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	1202998	150.714	ug/l	93
22) Diisopropyl ether	5.95	45	3126328	141.962	ug/l	95
23) Vinyl Acetate	5.90	43	11552545	713.443	ug/l	96
24) 1,1-Dichloroethane	5.85	63	2029236	143.274	ug/l	99
25) 2-Butanone	6.84	43	1872763	678.743	ug/l	98
26) 2,2-Dichloropropane	6.83	77	2021133	142.400	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1358819	146.644	ug/l	96
28) Bromochloromethane	7.20	49	886463	141.374	ug/l	89
29) Tetrahydrofuran	7.21	42	1205897	712.196	ug/l	94
30) Chloroform	7.37	83	2361422	148.393	ug/l	100
31) Cyclohexane	7.65	56	1761350	135.791	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	2283406	148.037	ug/l	98
36) 1,1-Dichloropropene	7.79	75	1703403	150.326	ug/l	99
37) Ethyl Acetate	6.93	43	864304	146.247	ug/l	98
38) Carbon Tetrachloride	7.77	117	2087249	153.508	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2145247	150.819	ug/l	97
40) Benzene	8.04	78	5015969	149.322	ug/l	98
41) Methacrylonitrile	7.18	41	461400	142.181	ug/l	97
42) 1,2-Dichloroethane	8.12	62	1658452	146.498	ug/l	100
43) Isopropyl Acetate	8.17	43	1750652	142.079	ug/l	96
44) Trichloroethene	8.83	130	1444844	151.483	ug/l	98
45) 1,2-Dichloropropane	9.12	63	1191780	143.498	ug/l	100
46) Dibromomethane	9.21	93	884232	153.173	ug/l	99
47) Bromodichloromethane	9.40	83	1915799	150.756	ug/l	99
48) Methyl methacrylate	9.20	41	814624	144.686	ug/l	96
49) 1,4-Dioxane	9.20	88	263300	3118.753	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	4454483	713.435	ug/l	98
52) Toluene	10.16	92	3472777	155.437	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	2025469	154.464	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	2119117	152.185	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	1207100	151.666	ug/l	98
56) Ethyl methacrylate	10.43	69	1560732	155.066	ug/l	95
57) 1,3-Dichloropropane	10.71	76	1911394	151.738	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	3344918	802.997	ug/l	97
59) 2-Hexanone	10.75	43	3017227	711.559	ug/l	100
60) Dibromochloromethane	10.90	129	1647586	158.186	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1320446	156.939	ug/l	100
64) Tetrachloroethene	10.63	164	1367458	146.821	ug/l	99
65) Chlorobenzene	11.43	112	3923976	150.080	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	1573703	150.322	ug/l	99
67) Ethyl Benzene	11.51	91	6745320	149.260	ug/l	99
68) m/p-Xylenes	11.62	106	5526062	305.612	ug/l	98
69) o-Xylene	11.95	106	2678887	151.068	ug/l	99
70) Styrene	11.96	104	4496528	159.131	ug/l	98
71) Bromoform	12.13	173	1259519	161.750	ug/l	99
73) Isopropylbenzene	12.25	105	7292076	135.613	ug/l	100
74) N-amyl acetate	12.07	43	1604445	130.842	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	1485666	128.177	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1110427m	125.510	ug/l	
77) Bromobenzene	12.53	156	1849522	140.673	ug/l	96
78) n-propylbenzene	12.59	91	8100134	138.112	ug/l	99
79) 2-Chlorotoluene	12.67	91	4698717	135.938	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	6192873	136.663	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	495799	144.481	ug/l	97
82) 4-Chlorotoluene	12.77	91	4926503	141.879	ug/l	98
83) tert-Butylbenzene	12.99	119	5452508	134.284	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	6246277	137.615	ug/l	99
85) sec-Butylbenzene	13.17	105	7369248	137.203	ug/l	100
86) p-Isopropyltoluene	13.29	119	6749373	141.748	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	3458046	150.941	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	3368955	149.398	ug/l	99
89) n-Butylbenzene	13.62	91	5583732	148.316	ug/l	100
90) Hexachloroethane	13.88	117	1290592	135.851	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	3292825	144.581	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	256476	135.780	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1794060	177.027	ug/l	99
94) Hexachlorobutadiene	15.01	225	960681	139.714	ug/l	99
95) Naphthalene	15.13	128	3885787	177.556	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	1673898	167.709	ug/l	99

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

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