

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052309.D
 Acq On : 14 Nov 2018 12:44
 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
 11/20/2018 2:58:27 PM

Quant Time: Nov 15 02:57:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 02:30:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	295710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	497822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	454647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	213244	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	637821	152.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.44%	
35) Dibromofluoromethane	7.59	113	504012	156.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.94%	
50) Toluene-d8	10.09	98	1960213	155.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.38%	
62) 4-Bromofluorobenzene	12.40	95	679645	163.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	495044	157.983	ug/l	99
3) Chloromethane	2.06	50	652747	149.897	ug/l	99
4) Vinyl Chloride	2.19	62	562224	149.360	ug/l	100
5) Bromomethane	2.55	94	332063	141.503	ug/l	99
6) Chloroethane	2.70	64	310223	145.761	ug/l	99
7) Trichlorofluoromethane	3.02	101	770568	147.935	ug/l	99
8) Diethyl Ether	3.41	74	297738	149.976	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	472601	143.670	ug/l	98
10) Methyl Iodide	3.96	142	698753	158.207	ug/l	100
11) Tert butyl alcohol	4.78	59	177640	802.275	ug/l	99
12) 1,1-Dichloroethene	3.74	96	447154	146.893	ug/l	96
13) Acrolein	3.60	56	265250	870.836	ug/l	100
14) Allyl chloride	4.33	41	965338	154.442	ug/l	100
15) Acrylonitrile	4.99	53	957794	749.738	ug/l	99
16) Acetone	3.81	43	827943	707.998	ug/l	96
17) Carbon Disulfide	4.06	76	1396943	160.037	ug/l	98
18) Methyl Acetate	4.32	43	491166	147.176	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1355541	154.957	ug/l	100
20) Methylene Chloride	4.55	84	518523	135.452	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	477193	151.336	ug/l	100
22) Diisopropyl ether	5.95	45	1919793	148.940	ug/l	97
23) Vinyl Acetate	5.90	43	7008654	810.122	ug/l	100
24) 1,1-Dichloroethane	5.85	63	993203	145.236	ug/l	99
25) 2-Butanone	6.83	43	1248173	771.134	ug/l	98
26) 2,2-Dichloropropane	6.83	77	770296	153.186	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	553071	144.961	ug/l	97
28) Bromochloromethane	7.20	49	513850	146.136	ug/l	99
29) Tetrahydrofuran	7.21	42	815899	761.343	ug/l	99
30) Chloroform	7.37	83	960660	147.404	ug/l	95
31) Cyclohexane	7.65	56	937587	118.260	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	836350	150.645	ug/l	100
36) 1,1-Dichloropropene	7.80	75	752291	150.770	ug/l	99
37) Ethyl Acetate	6.93	43	555761	145.776	ug/l	99
38) Carbon Tetrachloride	7.78	117	726793	158.545	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	880557	154.590	ug/l	100
40) Benzene	8.04	78	2115530	148.412	ug/l	97
41) Methacrylonitrile	7.18	41	328601	160.172	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	774570	152.384	ug/l	100
43) Isopropyl Acetate	8.16	43	1053356	150.744	ug/l #	86
44) Trichloroethene	8.84	130	539614	153.682	ug/l	98
45) 1,2-Dichloropropane	9.12	63	597495	147.700	ug/l	98
46) Dibromomethane	9.21	93	345217	147.412	ug/l	97
47) Bromodichloromethane	9.40	83	750198	156.107	ug/l	100
48) Methyl methacrylate	9.20	41	531174	149.808	ug/l	99
49) 1,4-Dioxane	9.20	88	90872	3338.598	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	2785440	791.899	ug/l	100
52) Toluene	10.16	92	1312734	153.947	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	819617	169.106	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	902672	163.374	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	465171	150.481	ug/l	98
56) Ethyl methacrylate	10.43	69	676372	166.374	ug/l	99
57) 1,3-Dichloropropane	10.71	76	838741	153.184	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1877478	811.179	ug/l	99
59) 2-Hexanone	10.75	43	1943768	803.413	ug/l	100
60) Dibromochloromethane	10.90	129	545504	163.104	ug/l	99
61) 1,2-Dibromoethane	11.00	107	483546	157.037	ug/l	100
64) Tetrachloroethene	10.63	164	471824	145.974	ug/l	99
65) Chlorobenzene	11.43	112	1432060	149.016	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	508263	155.096	ug/l	99
67) Ethyl Benzene	11.51	91	2592003	155.401	ug/l	100
68) m/p-Xylenes	11.62	106	1910111	313.427	ug/l	98
69) o-Xylene	11.95	106	921539	157.748	ug/l	99
70) Styrene	11.96	104	1524762	163.007	ug/l	99
71) Bromoform	12.13	173	336273	173.794	ug/l #	97
73) Isopropylbenzene	12.25	105	2538410	148.057	ug/l	99
74) N-amyl acetate	12.07	43	978093	160.170	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	578988	139.700	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	491349m	146.554	ug/l	
77) Bromobenzene	12.53	156	571735	143.322	ug/l	98
78) n-propylbenzene	12.59	91	3022429	150.737	ug/l	100
79) 2-Chlorotoluene	12.67	91	1714283	146.351	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	2063506	151.348	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	190759	170.991	ug/l	96
82) 4-Chlorotoluene	12.77	91	1773409	147.774	ug/l	98
83) tert-Butylbenzene	12.99	119	1753075	145.641	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	2092578	152.887	ug/l	98
85) sec-Butylbenzene	13.17	105	2487296	151.694	ug/l	100
86) p-Isopropyltoluene	13.29	119	2117805	152.475	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1046943	147.773	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1043325	148.123	ug/l	98
89) n-Butylbenzene	13.61	91	1986729	166.542	ug/l	100
90) Hexachloroethane	13.87	117	389348	158.265	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	990740	144.339	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	96555	157.989	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	497929	176.293	ug/l	99
94) Hexachlorobutadiene	15.01	225	229607	146.148	ug/l	99
95) Naphthalene	15.13	128	1185075	185.686	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	450635	172.777	ug/l	99

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

