

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120418\
 Data File : VN052653.D
 Acq On : 4 Dec 2018 14:40
 Operator : MD\SY
 Sample : VN1204WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/5/2018 9:13:09 AM

Quant Time: Dec 05 03:54:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	965120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1500006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1319940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	586204	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	531661	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	7.59	113	485206	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	
50) Toluene-d8	10.09	98	1835372	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.40	95	615824	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	155831	17.244	ug/l 97
3) Chloromethane	2.06	50	202167	16.948	ug/l 99
4) Vinyl Chloride	2.19	62	214267	17.486	ug/l 98
5) Bromomethane	2.58	94	126765	16.580	ug/l 99
6) Chloroethane	2.71	64	131889	17.769	ug/l 98
7) Trichlorofluoromethane	3.02	101	278865	18.527	ug/l 98
8) Diethyl Ether	3.41	74	104955	18.882	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	175335	18.668	ug/l 99
10) Methyl Iodide	3.96	142	251664	20.118	ug/l 99
11) Tert butyl alcohol	4.78	59	46742	88.850	ug/l 99
12) 1,1-Dichloroethene	3.74	96	167989	18.582	ug/l 98
13) Acrolein	3.61	56	55732	60.954	ug/l 100
14) Allyl chloride	4.33	41	284151	18.236	ug/l 98
15) Acrylonitrile	4.99	53	310567	93.259	ug/l 99
16) Acetone	3.82	43	223094	80.490	ug/l 100
17) Carbon Disulfide	4.06	76	462281	16.249	ug/l 99
18) Methyl Acetate	4.33	43	156157	19.641	ug/l 99
19) Methyl tert-butyl Ether	5.05	73	465896	19.369	ug/l 99
20) Methylene Chloride	4.56	84	197598	18.218	ug/l 100
21) trans-1,2-Dichloroethene	5.05	96	179871	18.629	ug/l 94
22) Diisopropyl ether	5.95	45	613656	18.749	ug/l 97
23) Vinyl Acetate	5.90	43	1887404	92.585	ug/l 99
24) 1,1-Dichloroethane	5.85	63	349400	18.697	ug/l 100
25) 2-Butanone	6.84	43	343544	87.447	ug/l 96
26) 2,2-Dichloropropane	6.83	77	235677	18.220	ug/l 98
27) cis-1,2-Dichloroethene	6.83	96	209476	18.624	ug/l 99
28) Bromochloromethane	7.20	49	176329	20.658	ug/l 96
29) Tetrahydrofuran	7.21	42	231688	91.435	ug/l 99
30) Chloroform	7.37	83	346285	18.573	ug/l 99
31) Cyclohexane	7.66	56	321798	17.554	ug/l 93
32) 1,1,1-Trichloroethane	7.57	97	282890	19.150	ug/l 100
36) 1,1-Dichloropropene	7.79	75	257905	18.207	ug/l 99
37) Ethyl Acetate	6.93	43	156549	18.109	ug/l 97
38) Carbon Tetrachloride	7.78	117	240719	18.772	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	301456	17.509	ug/l	99
40) Benzene	8.04	78	801470	18.986	ug/l	100
41) Methacrylonitrile	7.18	41	94523	20.000	ug/l	96
42) 1,2-Dichloroethane	8.12	62	247456	19.360	ug/l	100
43) Isopropyl Acetate	8.17	43	300301	20.527	ug/l	97
44) Trichloroethene	8.84	130	206955	19.139	ug/l	100
45) 1,2-Dichloropropane	9.12	63	213984	19.066	ug/l	98
46) Dibromomethane	9.21	93	121235	19.513	ug/l	98
47) Bromodichloromethane	9.40	83	260186	19.261	ug/l	99
48) Methyl methacrylate	9.20	41	141222	18.513	ug/l	97
49) 1,4-Dioxane	9.20	88	28440	359.234	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	792076	96.498	ug/l	99
52) Toluene	10.16	92	485401	19.353	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	247890	19.076	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	299266	19.217	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	176114	19.962	ug/l	99
56) Ethyl methacrylate	10.43	69	216350	19.402	ug/l	99
57) 1,3-Dichloropropane	10.71	76	300314	19.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	615600	96.160	ug/l	98
59) 2-Hexanone	10.75	43	510884	92.737	ug/l	99
60) Dibromochloromethane	10.90	129	187816	19.601	ug/l	100
61) 1,2-Dibromoethane	11.01	107	168690	19.251	ug/l	98
64) Tetrachloroethene	10.63	164	198142	19.361	ug/l	98
65) Chlorobenzene	11.43	112	525370	19.303	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	188846	19.955	ug/l	99
67) Ethyl Benzene	11.51	91	911622	19.127	ug/l	99
68) m/p-Xylenes	11.62	106	687750	38.761	ug/l	99
69) o-Xylene	11.95	106	338835	19.665	ug/l	98
70) Styrene	11.96	104	544114	19.827	ug/l	99
71) Bromoform	12.13	173	124760	19.911	ug/l #	100
73) Isopropylbenzene	12.25	105	904203	19.660	ug/l	100
74) N-amyl acetate	12.07	43	218607	18.814	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	208898	19.967	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	174581m	19.313	ug/l	
77) Bromobenzene	12.53	156	223041	19.620	ug/l	98
78) n-propylbenzene	12.59	91	1015145	19.429	ug/l	100
79) 2-Chlorotoluene	12.67	91	598714	19.243	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	725561	19.781	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	48504	17.919	ug/l	94
82) 4-Chlorotoluene	12.77	91	600370	19.146	ug/l	100
83) tert-Butylbenzene	12.99	119	645216	19.731	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	727171	19.782	ug/l	100
85) sec-Butylbenzene	13.17	105	871929	19.577	ug/l	100
86) p-Isopropyltoluene	13.29	119	731209	19.275	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	382900	19.256	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	372673	19.027	ug/l	99
89) n-Butylbenzene	13.62	91	585305	18.552	ug/l	99
90) Hexachloroethane	13.88	117	122066	19.004	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	374401	19.708	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28700	19.181	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	166586	17.931	ug/l	98
94) Hexachlorobutadiene	15.01	225	115302	18.866	ug/l	99
95) Naphthalene	15.13	128	329498	17.334	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	158563	18.394	ug/l	99

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

