

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051541.D
 Acq On : 26 Sep 2018 17:54
 Operator : MD\SY
 Sample : VN0927WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0927WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/27/2018 3:18:43 PM

Quant Time: Sep 27 08:19:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	537492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	791077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	705036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	348826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	348803	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	7.59	113	309508	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	10.09	98	1138504	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.40	95	374896	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	82628	16.478	ug/l	100
3) Chloromethane	2.06	50	134597	16.861	ug/l	99
4) Vinyl Chloride	2.18	62	146575	16.637	ug/l	98
5) Bromomethane	2.56	94	76635	14.557	ug/l	95
6) Chloroethane	2.70	64	94947	17.295	ug/l	97
7) Trichlorofluoromethane	3.01	101	202902	17.582	ug/l	98
8) Diethyl Ether	3.41	74	76817	19.545	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	111698	17.150	ug/l	99
10) Methyl Iodide	3.95	142	102629	12.073	ug/l	99
11) Tert butyl alcohol	4.79	59	48162	126.743	ug/l #	91
12) 1,1-Dichloroethene	3.74	96	99299	16.605	ug/l	95
13) Acrolein	3.61	56	29691	78.685	ug/l	100
14) Allyl chloride	4.32	41	182462	18.185	ug/l	96
15) Acrylonitrile	5.00	53	227821	110.212	ug/l	98
16) Acetone	3.82	43	166622	96.597	ug/l	94
17) Carbon Disulfide	4.05	76	258176	14.695	ug/l	99
18) Methyl Acetate	4.33	43	125489	24.472	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	310442	20.131	ug/l	99
20) Methylene Chloride	4.55	84	124729	18.721	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	105947	17.318	ug/l	100
22) Diisopropyl ether	5.96	45	402444	20.750	ug/l	97
23) Vinyl Acetate	5.90	43	1297261	101.882	ug/l	99
24) 1,1-Dichloroethane	5.85	63	227093	19.624	ug/l	98
25) 2-Butanone	6.84	43	262843	114.054	ug/l	96
26) 2,2-Dichloropropane	6.83	77	174565	19.325	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	125784	18.739	ug/l	97
28) Bromochloromethane	7.20	49	118871	22.244	ug/l	99
29) Tetrahydrofuran	7.22	42	177517	121.552	ug/l	97
30) Chloroform	7.37	83	229755	20.037	ug/l	99
31) Cyclohexane	7.66	56	181448	17.114	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	185075	18.880	ug/l	99
36) 1,1-Dichloropropene	7.79	75	157731	17.218	ug/l	99
37) Ethyl Acetate	6.93	43	116505	22.119	ug/l	99
38) Carbon Tetrachloride	7.78	117	162694	16.980	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	167688	15.659	ug/l	95
40) Benzene	8.04	78	490473	18.234	ug/l	99
41) Methacrylonitrile	7.17	41	49124	16.858	ug/l #	89
42) 1,2-Dichloroethane	8.13	62	162633	18.883	ug/l	99
43) Isopropyl Acetate	8.17	43	212334	22.294	ug/l #	90
44) Trichloroethene	8.84	130	125327	17.542	ug/l	97
45) 1,2-Dichloropropane	9.12	63	139725	19.110	ug/l	99
46) Dibromomethane	9.21	93	80204	19.414	ug/l	96
47) Bromodichloromethane	9.40	83	170227	18.619	ug/l	99
48) Methyl methacrylate	9.20	41	99841	21.026	ug/l	96
49) 1,4-Dioxane	9.20	88	26672	458.313	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	599158	114.385	ug/l	98
52) Toluene	10.16	92	298121	17.834	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	167241	18.119	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	194903	18.209	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	119179	20.173	ug/l	97
56) Ethyl methacrylate	10.43	69	142789	19.769	ug/l	98
57) 1,3-Dichloropropane	10.71	76	194850	19.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	383291	110.435	ug/l	97
59) 2-Hexanone	10.75	43	377702	111.231	ug/l	97
60) Dibromochloromethane	10.90	129	127755	18.328	ug/l	99
61) 1,2-Dibromoethane	11.01	107	109531	19.099	ug/l	100
64) Tetrachloroethene	10.63	164	113711	17.771	ug/l	94
65) Chlorobenzene	11.43	112	325794	18.011	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	126290	18.325	ug/l	99
67) Ethyl Benzene	11.51	91	533744	17.509	ug/l	100
68) m/p-Xylenes	11.62	106	415377	35.226	ug/l	99
69) o-Xylene	11.95	106	198822	17.539	ug/l	96
70) Styrene	11.97	104	318393	17.725	ug/l	99
71) Bromoform	12.13	173	89442	19.126	ug/l #	98
73) Isopropylbenzene	12.25	105	542497	18.432	ug/l	100
74) N-amyl acetate	12.07	43	156690	21.219	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	152012	22.149	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	127595m	22.034	ug/l	
77) Bromobenzene	12.53	156	135363	18.168	ug/l	93
78) n-propylbenzene	12.59	91	620222	18.698	ug/l	97
79) 2-Chlorotoluene	12.67	91	382302	19.254	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	451829	18.827	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	39153	20.791	ug/l	98
82) 4-Chlorotoluene	12.77	91	367752	18.557	ug/l	99
83) tert-Butylbenzene	12.99	119	396057	18.541	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	455064	18.817	ug/l	100
85) sec-Butylbenzene	13.17	105	542594	18.776	ug/l	99
86) p-Isopropyltoluene	13.29	119	462967	18.515	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	239040	18.540	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	228227	18.397	ug/l	98
89) n-Butylbenzene	13.62	91	357978	17.410	ug/l	99
90) Hexachloroethane	13.88	117	91423	18.350	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	239760	19.165	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21568	22.020	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	100109	19.049	ug/l	99
94) Hexachlorobutadiene	15.01	225	88904	18.783	ug/l	98
95) Naphthalene	15.14	128	189232	20.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	108390	18.054	ug/l	98

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

