

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062718\
 Data File : VN049570.D
 Acq On : 27 Jun 2018 14:22
 Operator : MD\SY
 Sample : VN0627WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:38:09 PM

Quant Time: Jun 28 01:42:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1505750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2275984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1995849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1014500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	909646	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
35) Dibromofluoromethane	7.59	113	786406	42.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.42%	
50) Toluene-d8	10.09	98	3087594	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	
62) 4-Bromofluorobenzene	12.40	95	1007372	43.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	316918	18.29	ug/l	99
3) Chloromethane	2.06	50	366047	16.36	ug/l	98
4) Vinyl Chloride	2.18	62	405809	17.06	ug/l	98
5) Bromomethane	2.57	94	195490	15.64	ug/l	97
6) Chloroethane	2.70	64	241896	17.06	ug/l	100
7) Trichlorofluoromethane	3.02	101	436121	14.70	ug/l	98
8) Diethyl Ether	3.41	74	175274	16.92	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	318187	16.91	ug/l	94
10) Methyl Iodide	3.95	142	403975	20.62	ug/l	92
11) Tert butyl alcohol	4.80	59	92964	79.31	ug/l	100
12) 1,1-Dichloroethene	3.73	96	294280	17.05	ug/l	90
13) Acrolein	3.60	56	125220	101.87	ug/l	98
14) Allyl chloride	4.32	41	392271	14.39	ug/l	88
15) Acrylonitrile	4.99	53	486990	83.09	ug/l	98
16) Acetone	3.82	43	376412	77.63	ug/l #	89
17) Carbon Disulfide	4.05	76	879388	16.25	ug/l	100
18) Methyl Acetate	4.33	43	434911	29.41	ug/l	94
19) Methyl tert-butyl Ether	5.04	73	765885	17.40	ug/l	99
20) Methylene Chloride	4.55	84	331989	16.39	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	310253	16.97	ug/l	90
22) Diisopropyl ether	5.95	45	942815	17.32	ug/l	97
23) Vinyl Acetate	5.90	43	3009836	84.81	ug/l	96
24) 1,1-Dichloroethane	5.85	63	580351	16.66	ug/l	98
25) 2-Butanone	6.84	43	510505	78.40	ug/l	97
26) 2,2-Dichloropropane	6.82	77	478420	17.00	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	348922	17.17	ug/l	92
28) Bromochloromethane	7.19	49	241058	15.61	ug/l	87
29) Tetrahydrofuran	7.21	42	356248	85.00	ug/l	94
30) Chloroform	7.37	83	588040	16.96	ug/l	98
31) Cyclohexane	7.65	56	520134	17.49	ug/l	90
32) 1,1,1-Trichloroethane	7.57	97	503444	17.02	ug/l	97
36) 1,1-Dichloropropene	7.79	75	438129	16.80	ug/l	98
37) Ethyl Acetate	6.93	43	248630	17.53	ug/l	96
38) Carbon Tetrachloride	7.77	117	420168	15.56	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	466129	16.65	ug/l	98
40) Benzene	8.04	78	1334818	16.69	ug/l	100
41) Methacrylonitrile	7.17	41	139717	18.22	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	412812	16.71	ug/l	95
43) Isopropyl Acetate	8.17	43	800256	29.54	ug/l #	87
44) Trichloroethene	8.84	130	396617	18.78	ug/l	93
45) 1,2-Dichloropropane	9.12	63	344927	16.47	ug/l	100
46) Dibromomethane	9.21	93	201613	16.61	ug/l	91
47) Bromodichloromethane	9.40	83	436500	16.36	ug/l	98
48) Methyl methacrylate	9.20	41	216612	16.98	ug/l	88
49) 1,4-Dioxane	9.20	88	57313	325.46	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1182735	83.29	ug/l	94
52) Toluene	10.16	92	803339	17.12	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	403543	15.81	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	494901	16.42	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	287211	16.41	ug/l	97
56) Ethyl methacrylate	10.43	69	343357	17.01	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	479950	16.56	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	702617	106.11	ug/l	93
59) 2-Hexanone	10.75	43	780233	85.22	ug/l	93
60) Dibromochloromethane	10.90	129	311053	15.93	ug/l	99
61) 1,2-Dibromoethane	11.01	107	276428	17.00	ug/l	99
64) Tetrachloroethene	10.63	164	461337	22.56	ug/l	95
65) Chlorobenzene	11.44	112	862976	16.78	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	318992	16.49	ug/l	98
67) Ethyl Benzene	11.51	91	1449217	16.99	ug/l	98
68) m/p-Xylenes	11.62	106	1129281	35.28	ug/l	97
69) o-Xylene	11.95	106	542056	17.58	ug/l	96
70) Styrene	11.96	104	882577	18.15	ug/l	98
71) Bromoform	12.13	173	201403	16.08	ug/l #	98
73) Isopropylbenzene	12.25	105	1410878	15.84	ug/l	99
74) N-amyl acetate	12.07	43	382180	17.52	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	296365	14.59	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	263569m	15.23	ug/l	
77) Bromobenzene	12.53	156	368687	15.67	ug/l	89
78) n-propylbenzene	12.59	91	1609737	16.46	ug/l	98
79) 2-Chlorotoluene	12.68	91	992492	16.02	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1189321	16.99	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	78924	14.41	ug/l	96
82) 4-Chlorotoluene	12.77	91	992192	16.60	ug/l	96
83) tert-Butylbenzene	12.99	119	975811	15.73	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1225958	17.63	ug/l	100
85) sec-Butylbenzene	13.17	105	1342091	16.26	ug/l	98
86) p-Isopropyltoluene	13.29	119	1173301	17.01	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	651927	16.84	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	630285	16.43	ug/l	99
89) n-Butylbenzene	13.62	91	952911	17.69	ug/l	98
90) Hexachloroethane	13.88	117	109700	6.94	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	634963	16.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48953	15.79	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	286623	19.65	ug/l	99
94) Hexachlorobutadiene	15.01	225	210487	17.17	ug/l	99
95) Naphthalene	15.14	128	569139	21.23	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	279768	18.77	ug/l	99

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

