

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091318\
 Data File : VN051161.D
 Acq On : 13 Sep 2018 10:38
 Operator : MD\SY
 Sample : VN0913WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/14/2018 11:47:00 AM

Quant Time: Sep 14 01:41:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	578074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	829794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	736593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	341569	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	345332	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
35) Dibromofluoromethane	7.59	113	331793	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
50) Toluene-d8	10.09	98	1217180	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.40	95	375713	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	90386	16.21	ug/l	96
3) Chloromethane	2.06	50	123410	16.78	ug/l	100
4) Vinyl Chloride	2.18	62	125501	16.40	ug/l	100
5) Bromomethane	2.56	94	68837	15.26	ug/l	99
6) Chloroethane	2.70	64	78045	16.53	ug/l	99
7) Trichlorofluoromethane	3.01	101	175214	17.28	ug/l	97
8) Diethyl Ether	3.41	74	67011	17.97	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	110440	16.90	ug/l	100
10) Methyl Iodide	3.95	142	69787	15.76	ug/l	98
11) Tert butyl alcohol	4.80	59	49416	100.57	ug/l	97
12) 1,1-Dichloroethene	3.73	96	100893	16.36	ug/l	99
13) Acrolein	3.61	56	44910	91.89	ug/l	98
14) Allyl chloride	4.32	41	155208	16.52	ug/l	99
15) Acrylonitrile	5.00	53	212586	97.64	ug/l	99
16) Acetone	3.82	43	160923	97.61	ug/l	97
17) Carbon Disulfide	4.05	76	293639	16.23	ug/l	100
18) Methyl Acetate	4.33	43	105337	20.45	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	296974	18.22	ug/l	97
20) Methylene Chloride	4.55	84	122552	17.25	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	109816	16.42	ug/l	98
22) Diisopropyl ether	5.96	45	349808	18.76	ug/l	97
23) Vinyl Acetate	5.90	43	1164904	92.31	ug/l	99
24) 1,1-Dichloroethane	5.85	63	209234	17.68	ug/l	99
25) 2-Butanone	6.84	43	239799	94.81	ug/l	100
26) 2,2-Dichloropropane	6.83	77	161935	16.72	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	125228	17.07	ug/l	99
28) Bromochloromethane	7.20	49	103495	19.65	ug/l	97
29) Tetrahydrofuran	7.22	42	159993	101.30	ug/l	99
30) Chloroform	7.37	83	211252	17.95	ug/l	98
31) Cyclohexane	7.66	56	175104	16.44	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	179093	17.86	ug/l	99
36) 1,1-Dichloropropene	7.80	75	155028	17.02	ug/l	99
37) Ethyl Acetate	6.94	43	109007	20.66	ug/l	99
38) Carbon Tetrachloride	7.77	117	161166	17.97	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	156622	15.58	ug/l	96
40) Benzene	8.04	78	487762	17.77	ug/l	99
41) Methacrylonitrile	7.17	41	47635	17.50	ug/l	95
42) 1,2-Dichloroethane	8.13	62	146745	18.34	ug/l	99
43) Isopropyl Acetate	8.17	43	184058	19.77	ug/l #	89
44) Trichloroethene	8.84	130	129024	17.18	ug/l	99
45) 1,2-Dichloropropane	9.12	63	129111	18.20	ug/l	97
46) Dibromomethane	9.21	93	78029	18.03	ug/l	99
47) Bromodichloromethane	9.40	83	162456	18.46	ug/l	96
48) Methyl methacrylate	9.20	41	89971	19.83	ug/l	97
49) 1,4-Dioxane	9.20	88	28002	393.59	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	536542	104.21	ug/l	100
52) Toluene	10.16	92	300931	17.98	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	154199	17.51	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	183745	17.79	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	116040	19.08	ug/l	99
56) Ethyl methacrylate	10.43	69	139161	18.67	ug/l	99
57) 1,3-Dichloropropane	10.71	76	190217	18.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	315162	101.50	ug/l	99
59) 2-Hexanone	10.75	43	343435	98.36	ug/l	98
60) Dibromochloromethane	10.90	129	126850	18.51	ug/l	98
61) 1,2-Dibromoethane	11.01	107	112550	18.93	ug/l	99
64) Tetrachloroethene	10.63	164	115798	17.23	ug/l	98
65) Chlorobenzene	11.44	112	323499	17.42	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	123652	18.50	ug/l	98
67) Ethyl Benzene	11.51	91	519219	17.27	ug/l	100
68) m/p-Xylenes	11.62	106	408034	35.32	ug/l	99
69) o-Xylene	11.95	106	197028	17.61	ug/l	99
70) Styrene	11.96	104	305756	17.62	ug/l	98
71) Bromoform	12.13	173	90017	19.13	ug/l #	100
73) Isopropylbenzene	12.25	105	519938	18.15	ug/l	99
74) N-amyl acetate	12.07	43	131796	18.28	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	150464	22.00	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	118603m	21.55	ug/l	
77) Bromobenzene	12.53	156	134351	17.46	ug/l	98
78) n-propylbenzene	12.59	91	558330	17.73	ug/l	100
79) 2-Chlorotoluene	12.68	91	344317	17.50	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	412920	17.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	32977	18.34	ug/l	97
82) 4-Chlorotoluene	12.77	91	340059	17.41	ug/l	98
83) tert-Butylbenzene	12.99	119	356775	17.45	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	418378	18.37	ug/l	99
85) sec-Butylbenzene	13.17	105	459520	17.52	ug/l	99
86) p-Isopropyltoluene	13.29	119	389272	17.51	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	214277	16.42	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	207582	17.33	ug/l	98
89) n-Butylbenzene	13.62	91	272624	15.76	ug/l	97
90) Hexachloroethane	13.88	117	77700	18.81	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	214891	16.89	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19624	20.45	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	75746	15.32	ug/l	99
94) Hexachlorobutadiene	15.01	225	67476	17.05	ug/l	99
95) Naphthalene	15.13	128	153166	15.99	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	82158	16.11	ug/l	99

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

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