

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051759.D
 Acq On : 9 Oct 2018 19:46
 Operator : MD\SY
 Sample : VN1009WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 10:50:24 AM

Quant Time: Oct 10 04:25:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	610600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	932527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	865630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	431849	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	400523	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
35) Dibromofluoromethane	7.59	113	367240	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	10.09	98	1374624	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.40	95	447784	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	158465	21.424	ug/l	100
3) Chloromethane	2.06	50	134443	19.294	ug/l	98
4) Vinyl Chloride	2.18	62	201640	18.370	ug/l	99
5) Bromomethane	2.56	94	175930	20.841	ug/l	100
6) Chloroethane	2.70	64	139408	18.897	ug/l	99
7) Trichlorofluoromethane	3.01	101	342164	29.384	ug/l	99
8) Diethyl Ether	3.41	74	68534	21.426	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.76	101	127862	20.958	ug/l	99
10) Methyl Iodide	3.95	142	146440	19.643	ug/l	99
11) Tert butyl alcohol	4.80	59	55365	100.994	ug/l #	90
12) 1,1-Dichloroethene	3.74	96	116764	20.534	ug/l	95
13) Acrolein	3.61	56	24725	62.259	ug/l	94
14) Allyl chloride	4.33	41	150967	17.407	ug/l	96
15) Acrylonitrile	5.00	53	188620	99.708	ug/l	99
16) Acetone	3.82	43	134088	86.944	ug/l	95
17) Carbon Disulfide	4.05	76	301740	17.457	ug/l	98
18) Methyl Acetate	4.33	43	98399	22.101	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	369415	19.682	ug/l	100
20) Methylene Chloride	4.55	84	131045	19.746	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	127258	18.886	ug/l	90
22) Diisopropyl ether	5.96	45	338059	18.184	ug/l	99
23) Vinyl Acetate	5.90	43	1229978	89.979	ug/l	97
24) 1,1-Dichloroethane	5.85	63	224619	18.786	ug/l	97
25) 2-Butanone	6.85	43	215584	92.555	ug/l	99
26) 2,2-Dichloropropane	6.83	77	198390	16.558	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	153157	19.579	ug/l	94
28) Bromochloromethane	7.20	49	100681	19.020	ug/l	90
29) Tetrahydrofuran	7.22	42	146096	102.209	ug/l	97
30) Chloroform	7.37	83	259191	19.294	ug/l	97
31) Cyclohexane	7.66	56	197827	18.066	ug/l	90
32) 1,1,1-Trichloroethane	7.57	97	248842	19.111	ug/l	98
36) 1,1-Dichloropropene	7.80	75	183510	18.827	ug/l	98
37) Ethyl Acetate	6.93	43	101482	19.962	ug/l	98
38) Carbon Tetrachloride	7.78	117	221589	18.946	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	228515	18.676	ug/l	97
40) Benzene	8.05	78	554759	19.199	ug/l	97
41) Methacrylonitrile	7.19	41	55324m	20.948	ug/l	
42) 1,2-Dichloroethane	8.13	62	183372	18.831	ug/l	99
43) Isopropyl Acetate	8.17	43	200523	18.919	ug/l	97
44) Trichloroethene	8.84	130	164700	20.074	ug/l	99
45) 1,2-Dichloropropane	9.12	63	133740	18.720	ug/l	100
46) Dibromomethane	9.21	93	97600	19.655	ug/l	96
47) Bromodichloromethane	9.40	83	202946	18.566	ug/l	98
48) Methyl methacrylate	9.20	41	93699	19.347	ug/l	97
49) 1,4-Dioxane	9.20	88	31525	434.098	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	537996	100.170	ug/l	98
52) Toluene	10.16	92	370969	19.303	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	198750	17.620	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	211361	17.646	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	139175	20.329	ug/l	99
56) Ethyl methacrylate	10.43	69	166661	19.250	ug/l	99
57) 1,3-Dichloropropane	10.71	76	214470	19.793	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	347610	97.012	ug/l	94
59) 2-Hexanone	10.75	43	350119	95.989	ug/l	100
60) Dibromochloromethane	10.90	129	168067	18.759	ug/l	99
61) 1,2-Dibromoethane	11.01	107	142301	19.662	ug/l	98
64) Tetrachloroethene	10.63	164	158134	20.706	ug/l	99
65) Chlorobenzene	11.44	112	426684	19.902	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	168093	19.582	ug/l	100
67) Ethyl Benzene	11.51	91	724629	19.555	ug/l	100
68) m/p-Xylenes	11.62	106	571920	38.574	ug/l	98
69) o-Xylene	11.95	106	286185	19.682	ug/l	97
70) Styrene	11.97	104	438412	18.922	ug/l	98
71) Bromoform	12.13	173	111502	17.463	ug/l #	96
73) Isopropylbenzene	12.25	105	754457	20.495	ug/l	99
74) N-amyl acetate	12.07	43	159201	18.881	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	169497	21.544	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	137067m	23.358	ug/l	
77) Bromobenzene	12.53	156	185098	20.564	ug/l	98
78) n-propylbenzene	12.59	91	801832	19.970	ug/l	100
79) 2-Chlorotoluene	12.68	91	482223	20.378	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	630861	20.335	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	42615	18.139	ug/l	99
82) 4-Chlorotoluene	12.77	91	473184	19.905	ug/l	99
83) tert-Butylbenzene	12.99	119	587568	21.137	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	638782	20.557	ug/l	99
85) sec-Butylbenzene	13.17	105	755048	20.534	ug/l	100
86) p-Isopropyltoluene	13.29	119	658776	20.209	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	318589	20.312	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	311948	20.206	ug/l	99
89) n-Butylbenzene	13.62	91	499536	19.381	ug/l	99
90) Hexachloroethane	13.88	117	118588	18.233	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	324002	20.780	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26678	20.630	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	143068	20.621	ug/l	99
94) Hexachlorobutadiene	15.01	225	98521	20.929	ug/l	98
95) Naphthalene	15.13	128	329925	22.020	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	153011	22.393	ug/l	99

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

