

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
 Data File : VN052727.D
 Acq On : 7 Dec 2018 15:25
 Operator : MD\SY
 Sample : VN1207WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 12:50:56 PM

Quant Time: Dec 07 22:57:47 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	925295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1441848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1262176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	553678	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	514632	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
35) Dibromofluoromethane	7.59	113	469033	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
50) Toluene-d8	10.09	98	1755308	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.40	95	588531	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	154203	17.798	ug/l	99
3) Chloromethane	2.06	50	198486	17.356	ug/l	98
4) Vinyl Chloride	2.19	62	209130	17.801	ug/l	98
5) Bromomethane	2.57	94	77382	10.557	ug/l	97
6) Chloroethane	2.71	64	130962	18.404	ug/l	100
7) Trichlorofluoromethane	3.02	101	281295	19.493	ug/l	100
8) Diethyl Ether	3.41	74	110809	20.793	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	181886	20.199	ug/l	99
10) Methyl Iodide	3.96	142	153643	12.811	ug/l	100
11) Tert butyl alcohol	4.78	59	55521	110.080	ug/l	100
12) 1,1-Dichloroethene	3.74	96	169169	19.517	ug/l	100
13) Acrolein	3.61	56	31752	36.222	ug/l	86
14) Allyl chloride	4.33	41	296700	19.861	ug/l	99
15) Acrylonitrile	4.99	53	334974	104.918	ug/l	98
16) Acetone	3.82	43	283046	106.515	ug/l	98
17) Carbon Disulfide	4.06	76	447577	16.409	ug/l	99
18) Methyl Acetate	4.33	43	169107	22.185	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	488335	21.176	ug/l	99
20) Methylene Chloride	4.55	84	203357	19.556	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	180460	19.494	ug/l	96
22) Diisopropyl ether	5.95	45	643396	20.504	ug/l	99
23) Vinyl Acetate	5.90	43	1986937	101.662	ug/l	99
24) 1,1-Dichloroethane	5.85	63	368082	20.544	ug/l	98
25) 2-Butanone	6.84	43	386297	102.562	ug/l	97
26) 2,2-Dichloropropane	6.82	77	267423	21.565	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	216307	20.059	ug/l	98
28) Bromochloromethane	7.20	49	157656	19.266	ug/l	97
29) Tetrahydrofuran	7.21	42	249113	102.543	ug/l	99
30) Chloroform	7.37	83	366079	20.480	ug/l	99
31) Cyclohexane	7.66	56	329324	18.763	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	290663	20.523	ug/l	99
36) 1,1-Dichloropropene	7.80	75	266423	19.567	ug/l	100
37) Ethyl Acetate	6.93	43	169965	20.454	ug/l	99
38) Carbon Tetrachloride	7.78	117	250042	20.286	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	311458	18.820	ug/l	99
40) Benzene	8.04	78	827800	20.400	ug/l	100
41) Methacrylonitrile	7.17	41	84035	18.498	ug/l #	90
42) 1,2-Dichloroethane	8.13	62	255771	20.817	ug/l	100
43) Isopropyl Acetate	8.17	43	311713	22.167	ug/l	97
44) Trichloroethene	8.84	130	209400	20.146	ug/l	99
45) 1,2-Dichloropropane	9.12	63	225132	20.869	ug/l	100
46) Dibromomethane	9.21	93	124047	20.771	ug/l	97
47) Bromodichloromethane	9.40	83	273522	21.065	ug/l	98
48) Methyl methacrylate	9.20	41	151837	20.707	ug/l	99
49) 1,4-Dioxane	9.20	88	32115	422.016	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	842323	106.759	ug/l	100
52) Toluene	10.16	92	501254	20.791	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	259995	20.814	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	312497	20.876	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	180643	21.301	ug/l	99
56) Ethyl methacrylate	10.43	69	225404	20.803	ug/l	99
57) 1,3-Dichloropropane	10.71	76	312426	20.865	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	611101	99.308	ug/l	98
59) 2-Hexanone	10.75	43	568941	107.441	ug/l	100
60) Dibromochloromethane	10.90	129	196646	21.350	ug/l	99
61) 1,2-Dibromoethane	11.01	107	173395	20.586	ug/l	99
64) Tetrachloroethene	10.63	164	198752	20.310	ug/l	99
65) Chlorobenzene	11.43	112	546113	20.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	193716	21.407	ug/l	99
67) Ethyl Benzene	11.51	91	940614	20.638	ug/l	100
68) m/p-Xylenes	11.62	106	702685	41.415	ug/l	99
69) o-Xylene	11.95	106	348006	21.122	ug/l	99
70) Styrene	11.97	104	555286	21.160	ug/l	100
71) Bromoform	12.13	173	129210	21.565	ug/l #	100
73) Isopropylbenzene	12.25	105	927419	21.350	ug/l	99
74) N-amyl acetate	12.07	43	229634	20.924	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	219237	22.186	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	171222m	20.054	ug/l	
77) Bromobenzene	12.53	156	229940	21.416	ug/l	98
78) n-propylbenzene	12.59	91	1039738	21.069	ug/l	99
79) 2-Chlorotoluene	12.67	91	618634	21.051	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	735000	21.215	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	53913	21.087	ug/l	98
82) 4-Chlorotoluene	12.77	91	615476	20.781	ug/l	100
83) tert-Butylbenzene	12.99	119	666736	21.587	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	738593	21.273	ug/l	100
85) sec-Butylbenzene	13.17	105	887987	21.109	ug/l	100
86) p-Isopropyltoluene	13.29	119	752048	20.989	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	389939	20.762	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	380352	20.560	ug/l	99
89) n-Butylbenzene	13.62	91	603734	20.261	ug/l	99
90) Hexachloroethane	13.88	117	128725	21.218	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	385179	21.466	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31331	22.169	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	174925	19.618	ug/l	99
94) Hexachlorobutadiene	15.01	225	124621	21.588	ug/l	99
95) Naphthalene	15.13	128	353515	19.224	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	170250	20.537	ug/l	99

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

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