

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
 Data File : VN051819.D
 Acq On : 11 Oct 2018 18:19
 Operator : MD\SY
 Sample : VN1011WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/15/2018 3:00:13 PM

Quant Time: Oct 12 06:57:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 13:17:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	823899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1225969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1108834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	511333	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	400111	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	7.59	113	374417	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	10.09	98	1396827	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.40	95	462976	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.85	85	83470	18.25	ug/l	100
3) Chloromethane	2.06	50	111554	20.14	ug/l	98
4) Vinyl Chloride	2.18	62	168336	20.26	ug/l	100
5) Bromomethane	2.56	94	151540	20.22	ug/l	100
6) Chloroethane	2.70	64	123651	20.27	ug/l	97
7) Trichlorofluoromethane	3.01	101	255113	20.68	ug/l	99
8) Diethyl Ether	3.41	74	68110	20.02	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.76	101	125159	19.02	ug/l	98
10) Methyl Iodide	3.95	142	149158	17.21	ug/l	94
11) Tert butyl alcohol	4.80	59	57985	100.12	ug/l #	83
12) 1,1-Dichloroethene	3.73	96	117034	19.79	ug/l	87
13) Acrolein	3.61	56	56560	105.13	ug/l	98
14) Allyl chloride	4.32	41	146158	19.69	ug/l #	77
15) Acrylonitrile	5.00	53	193137	102.45	ug/l	98
16) Acetone	3.82	43	141997	83.61	ug/l	96
17) Carbon Disulfide	4.05	76	285446	17.83	ug/l	99
18) Methyl Acetate	4.33	43	89418	18.44	ug/l #	89
19) Methyl tert-butyl Ether	5.05	73	377907	20.30	ug/l	92
20) Methylene Chloride	4.55	84	132563	18.86	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	132838	19.13	ug/l	92
22) Diisopropyl ether	5.96	45	330442	20.14	ug/l #	87
23) Vinyl Acetate	5.90	43	1211490	100.93	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	222360	19.73	ug/l	97
25) 2-Butanone	6.84	43	227134	94.64	ug/l #	87
26) 2,2-Dichloropropane	6.83	77	206370	18.08	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	160926	20.11	ug/l	89
28) Bromochloromethane	7.20	49	95918	20.28	ug/l #	72
29) Tetrahydrofuran	7.22	42	148815	104.05	ug/l #	81
30) Chloroform	7.37	83	262007	19.44	ug/l	100
31) Cyclohexane	7.66	56	196662	19.70	ug/l #	81
32) 1,1,1-Trichloroethane	7.57	97	247260	19.54	ug/l	96
36) 1,1-Dichloropropene	7.80	75	186449	18.79	ug/l	96
37) Ethyl Acetate	6.93	43	106274	20.86	ug/l	99
38) Carbon Tetrachloride	7.77	117	218384	18.98	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	231727	19.01	ug/l	91
40) Benzene	8.04	78	561258	19.60	ug/l	99
41) Methacrylonitrile	7.18	41	60017	24.43	ug/l #	90
42) 1,2-Dichloroethane	8.13	62	184689	19.68	ug/l	100
43) Isopropyl Acetate	8.17	43	197983	19.27	ug/l #	96
44) Trichloroethene	8.84	130	168241	19.30	ug/l	99
45) 1,2-Dichloropropane	9.12	63	133207	19.79	ug/l	99
46) Dibromomethane	9.21	93	101889	19.72	ug/l	99
47) Bromodichloromethane	9.41	83	201792	19.55	ug/l	96
48) Methyl methacrylate	9.20	41	93470	20.59	ug/l #	81
49) 1,4-Dioxane	9.20	88	33345	405.30	ug/l	89
51) 4-Methyl-2-Pentanone	9.99	43	538618	101.82	ug/l	97
52) Toluene	10.16	92	374422	19.48	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	193251	18.69	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	211602	18.64	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	140053	19.37	ug/l	99
56) Ethyl methacrylate	10.43	69	170812	20.06	ug/l #	89
57) 1,3-Dichloropropane	10.71	76	215852	19.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	375785	101.33	ug/l	90
59) 2-Hexanone	10.75	43	354406	95.39	ug/l	97
60) Dibromochloromethane	10.90	129	164920	19.21	ug/l	98
61) 1,2-Dibromoethane	11.01	107	146150	19.62	ug/l	100
64) Tetrachloroethene	10.63	164	163223	19.19	ug/l	97
65) Chlorobenzene	11.44	112	426942	19.04	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	161584	18.91	ug/l	99
67) Ethyl Benzene	11.51	91	720639	19.41	ug/l	98
68) m/p-Xylenes	11.62	106	575434	38.37	ug/l	96
69) o-Xylene	11.95	106	283067	19.44	ug/l	96
70) Styrene	11.97	104	427505	19.03	ug/l	98
71) Bromoform	12.13	173	104664	18.02	ug/l #	97
73) Isopropylbenzene	12.25	105	753683	19.13	ug/l	99
74) N-amyl acetate	12.07	43	166171	21.27	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	172010	19.88	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	142618m	22.36	ug/l	
77) Bromobenzene	12.53	156	184956	18.83	ug/l	91
78) n-propylbenzene	12.59	91	807123	19.56	ug/l	97
79) 2-Chlorotoluene	12.68	91	473142	19.04	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	620982	19.34	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	41375	18.63	ug/l	97
82) 4-Chlorotoluene	12.77	91	464391	19.44	ug/l	97
83) tert-Butylbenzene	12.99	119	576750	19.37	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	626387	19.59	ug/l	98
85) sec-Butylbenzene	13.17	105	750683	19.46	ug/l	98
86) p-Isopropyltoluene	13.29	119	660864	19.48	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	318747	18.97	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	308503	18.94	ug/l	100
89) n-Butylbenzene	13.62	91	508877	20.18	ug/l	98
90) Hexachloroethane	13.88	117	109341	17.76	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	322313	19.85	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26635	20.91	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	145927	19.42	ug/l	99
94) Hexachlorobutadiene	15.01	225	100245	19.10	ug/l	98
95) Naphthalene	15.13	128	329079	20.33	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	157286	20.67	ug/l	98

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

