

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053713.D
 Acq On : 11 Feb 2019 19:01
 Operator : JC/SP
 Sample : VN0211WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 12:49:57 PM

Quant Time: Feb 11 23:16:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	581884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	974451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	841114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	395824	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	340279	58.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.58%	
35) Dibromofluoromethane	7.59	113	319861	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	10.09	98	1178992	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.40	95	389512	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	131236	20.208	ug/l	99
3) Chloromethane	2.06	50	142653	20.650	ug/l	99
4) Vinyl Chloride	2.19	62	141502	21.101	ug/l	99
5) Bromomethane	2.57	94	85394	19.475	ug/l	100
6) Chloroethane	2.71	64	90336	23.573	ug/l	97
7) Trichlorofluoromethane	3.02	101	200204	22.015	ug/l	98
8) Diethyl Ether	3.41	74	74044	22.295	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	119993	21.335	ug/l	98
10) Methyl Iodide	3.96	142	129527	14.673	ug/l	99
11) Tert butyl alcohol	4.79	59	40855	118.258	ug/l #	93
12) 1,1-Dichloroethene	3.74	96	114015	21.159	ug/l	96
13) Acrolein	3.61	56	16309	86.706	ug/l	100
14) Allyl chloride	4.33	41	182492	21.271	ug/l	99
15) Acrylonitrile	4.99	53	221447	118.736	ug/l	99
16) Acetone	3.82	43	142340	95.064	ug/l	98
17) Carbon Disulfide	4.06	76	319340	19.033	ug/l	100
18) Methyl Acetate	4.33	43	113766	25.656	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	316775	23.190	ug/l	99
20) Methylene Chloride	4.56	84	137941	21.959	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	122685	21.104	ug/l	94
22) Diisopropyl ether	5.95	45	350727	22.062	ug/l	95
23) Vinyl Acetate	5.90	43	1217290	110.689	ug/l	99
24) 1,1-Dichloroethane	5.85	63	231276	21.812	ug/l	99
25) 2-Butanone	6.84	43	230233	107.812	ug/l	100
26) 2,2-Dichloropropane	6.83	77	148972	18.405	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	142322	22.017	ug/l	97
28) Bromochloromethane	7.20	49	100429	21.826	ug/l	95
29) Tetrahydrofuran	7.21	42	161610	117.854	ug/l	98
30) Chloroform	7.37	83	234293	22.291	ug/l	99
31) Cyclohexane	7.66	56	202661	20.429	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	193584	22.131	ug/l	99
36) 1,1-Dichloropropene	7.79	75	163793	18.647	ug/l	98
37) Ethyl Acetate	6.93	43	104773	21.356	ug/l	99
38) Carbon Tetrachloride	7.77	117	166846	18.855	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	182667	17.528	ug/l	98
40) Benzene	8.04	78	531921	19.637	ug/l	100
41) Methacrylonitrile	7.18	41	52562	19.170	ug/l #	85
42) 1,2-Dichloroethane	8.12	62	158135	19.661	ug/l	99
43) Isopropyl Acetate	8.17	43	197513	20.847	ug/l	97
44) Trichloroethene	8.84	130	149065	19.330	ug/l	96
45) 1,2-Dichloropropane	9.12	63	140009	20.208	ug/l	97
46) Dibromomethane	9.21	93	84022	20.118	ug/l	97
47) Bromodichloromethane	9.40	83	175729	20.236	ug/l	99
48) Methyl methacrylate	9.20	41	94258	20.842	ug/l	99
49) 1,4-Dioxane	9.20	88	28235	453.113	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	497973	106.959	ug/l	99
52) Toluene	10.16	92	321848	20.020	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	166606	19.160	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	199616	19.373	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	122262	21.105	ug/l	98
56) Ethyl methacrylate	10.43	69	142463	20.788	ug/l	98
57) 1,3-Dichloropropane	10.71	76	201435	20.346	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	324721	81.964	ug/l	99
59) 2-Hexanone	10.75	43	311627	98.596	ug/l	99
60) Dibromochloromethane	10.90	129	132893	20.343	ug/l	100
61) 1,2-Dibromoethane	11.01	107	112798	19.673	ug/l	99
64) Tetrachloroethene	10.63	164	138948	19.271	ug/l	99
65) Chlorobenzene	11.44	112	348635	19.514	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	127913	20.500	ug/l	100
67) Ethyl Benzene	11.51	91	576624	19.647	ug/l	99
68) m/p-Xylenes	11.62	106	453899	40.522	ug/l	98
69) o-Xylene	11.95	106	217422	20.092	ug/l	100
70) Styrene	11.96	104	352489	20.097	ug/l	99
71) Bromoform	12.13	173	90414	21.136	ug/l #	100
73) Isopropylbenzene	12.25	105	574574	20.649	ug/l	100
74) N-amyl acetate	12.07	43	142767	21.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	140088	21.036	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	114741m	22.569	ug/l	
77) Bromobenzene	12.53	156	154194	20.561	ug/l	97
78) n-propylbenzene	12.59	91	658971	20.486	ug/l	99
79) 2-Chlorotoluene	12.67	91	393973	20.644	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	491734	21.311	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	34252	18.944	ug/l	99
82) 4-Chlorotoluene	12.77	91	394222	20.131	ug/l	100
83) tert-Butylbenzene	12.99	119	440486	21.599	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	495969	21.097	ug/l	99
85) sec-Butylbenzene	13.17	105	588832	21.218	ug/l	99
86) p-Isopropyltoluene	13.29	119	504765	20.797	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	263893	19.575	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	264506	19.835	ug/l	99
89) n-Butylbenzene	13.62	91	414604	19.735	ug/l	99
90) Hexachloroethane	13.88	117	85377	21.326	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	263574	20.422	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21122	22.255	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	141001	19.049	ug/l	98
94) Hexachlorobutadiene	15.01	225	100046	21.703	ug/l	100
95) Naphthalene	15.13	128	288274	17.740	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	136807	19.919	ug/l	100

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

