

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050981.D
 Acq On : 31 Aug 2018 12:22
 Operator : MD\SY
 Sample : VN0831WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0831WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2018 12:27:54 PM

Quant Time: Aug 31 14:31:13 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	562274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	807795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	728722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	341355	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	339448	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	7.59	113	327156	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	10.09	98	1215925	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.40	95	383339	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	146690	19.49	ug/l	98
3) Chloromethane	2.06	50	167598	18.06	ug/l	97
4) Vinyl Chloride	2.18	62	163933	18.65	ug/l	100
5) Bromomethane	2.56	94	96028	18.55	ug/l	98
6) Chloroethane	2.70	64	95898	18.88	ug/l	99
7) Trichlorofluoromethane	3.01	101	223453	19.85	ug/l	100
8) Diethyl Ether	3.41	74	73961	19.32	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	139417	19.82	ug/l	99
10) Methyl Iodide	3.95	142	105848	21.31	ug/l	100
11) Tert butyl alcohol	4.79	59	42728	99.13	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	123880	19.62	ug/l	94
13) Acrolein	3.61	56	11741	61.22	ug/l	93
14) Allyl chloride	4.33	41	185429	18.84	ug/l	99
15) Acrylonitrile	4.99	53	216313	98.75	ug/l	100
16) Acetone	3.82	43	158133	94.25	ug/l	100
17) Carbon Disulfide	4.05	76	354196	16.73	ug/l	99
18) Methyl Acetate	4.33	43	144377	22.59	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	320601	20.18	ug/l	98
20) Methylene Chloride	4.55	84	147153	19.29	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	129035	18.89	ug/l	98
22) Diisopropyl ether	5.96	45	405206	20.66	ug/l	98
23) Vinyl Acetate	5.90	43	1186342	93.93	ug/l	99
24) 1,1-Dichloroethane	5.85	63	250588	19.90	ug/l	99
25) 2-Butanone	6.84	43	230010	84.32	ug/l	97
26) 2,2-Dichloropropane	6.83	77	191079	18.89	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	147095	19.98	ug/l	99
28) Bromochloromethane	7.20	49	106116	19.84	ug/l	96
29) Tetrahydrofuran	7.22	42	153710	98.28	ug/l	98
30) Chloroform	7.37	83	253417	20.33	ug/l	98
31) Cyclohexane	7.66	56	209251	18.58	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	211143	19.72	ug/l	98
36) 1,1-Dichloropropene	7.80	75	181871	19.08	ug/l	99
37) Ethyl Acetate	6.93	43	105510	19.27	ug/l	97
38) Carbon Tetrachloride	7.78	117	189031	19.62	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	188745	18.30	ug/l	97
40) Benzene	8.04	78	574779	20.00	ug/l	99
41) Methacrylonitrile	7.18	41	50724	17.12	ug/l	90
42) 1,2-Dichloroethane	8.13	62	171103	19.91	ug/l	99
43) Isopropyl Acetate	8.17	43	191663	20.36	ug/l	97
44) Trichloroethene	8.84	130	148377	19.57	ug/l	100
45) 1,2-Dichloropropane	9.12	63	149963	19.85	ug/l	100
46) Dibromomethane	9.21	93	87186	19.64	ug/l	97
47) Bromodichloromethane	9.40	83	188863	20.31	ug/l	97
48) Methyl methacrylate	9.20	41	94435	19.68	ug/l	99
49) 1,4-Dioxane	9.20	88	25165	384.73	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	527898	93.96	ug/l	99
52) Toluene	10.16	92	346851	20.37	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	176186	19.04	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	212847	20.09	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	126301	19.98	ug/l	98
56) Ethyl methacrylate	10.43	69	141649	18.77	ug/l	99
57) 1,3-Dichloropropane	10.71	76	209525	20.09	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	290855	89.33	ug/l	100
59) 2-Hexanone	10.75	43	329400	88.07	ug/l	99
60) Dibromochloromethane	10.90	129	144619	20.44	ug/l	99
61) 1,2-Dibromoethane	11.01	107	120122	19.66	ug/l	98
64) Tetrachloroethene	10.63	164	137688	19.89	ug/l	98
65) Chlorobenzene	11.44	112	377405	19.81	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	142741	20.48	ug/l	98
67) Ethyl Benzene	11.51	91	612238	19.77	ug/l	100
68) m/p-Xylenes	11.62	106	484715	41.24	ug/l	100
69) o-Xylene	11.95	106	231713	20.51	ug/l	99
70) Styrene	11.96	104	361344	18.95	ug/l	99
71) Bromoform	12.13	173	96879	20.21	ug/l #	99
73) Isopropylbenzene	12.25	105	612456	21.67	ug/l	100
74) N-amyl acetate	12.07	43	135670	19.10	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	155394	22.15	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	125601m	21.01	ug/l	
77) Bromobenzene	12.53	156	161231	20.99	ug/l	97
78) n-propylbenzene	12.59	91	672582	21.30	ug/l	99
79) 2-Chlorotoluene	12.67	91	418822	21.29	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	497854	21.83	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	33498	18.94	ug/l	95
82) 4-Chlorotoluene	12.77	91	404698	20.84	ug/l	99
83) tert-Butylbenzene	12.99	119	427680	21.65	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	508913	22.18	ug/l	100
85) sec-Butylbenzene	13.17	105	562705	21.74	ug/l	100
86) p-Isopropyltoluene	13.29	119	476757	21.62	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	265111	20.34	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	254598	19.84	ug/l	100
89) n-Butylbenzene	13.62	91	345351	19.58	ug/l	99
90) Hexachloroethane	13.87	117	91736	21.93	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	259095	20.60	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20075	19.78	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	95342	17.47	ug/l	98
94) Hexachlorobutadiene	15.01	225	82730	21.55	ug/l	99
95) Naphthalene	15.13	128	170431	16.55	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	99890	18.51	ug/l	100

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

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