

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083018\
 Data File : VN050954.D
 Acq On : 30 Aug 2018 11:43
 Operator : MD\SY
 Sample : VN0830WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/31/2018 11:32:22 AM

Quant Time: Aug 31 02:33:32 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	584247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	829316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	742631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	358097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	349033	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	7.59	113	335761	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	10.09	98	1229753	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.40	95	384801	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	153158	19.59	ug/l	99
3) Chloromethane	2.06	50	169250	17.55	ug/l	99
4) Vinyl Chloride	2.18	62	170334	18.65	ug/l	100
5) Bromomethane	2.56	94	96692	17.94	ug/l	99
6) Chloroethane	2.70	64	99129	18.78	ug/l	96
7) Trichlorofluoromethane	3.01	101	226744	19.38	ug/l	99
8) Diethyl Ether	3.41	74	77654	19.52	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	142200	19.46	ug/l	99
10) Methyl Iodide	3.95	142	103039	20.37	ug/l #	95
11) Tert butyl alcohol	4.80	59	47760	106.64	ug/l	97
12) 1,1-Dichloroethene	3.74	96	126431	19.27	ug/l	97
13) Acrolein	3.62	56	14457	69.23	ug/l	96
14) Allyl chloride	4.32	41	192948	18.87	ug/l	97
15) Acrylonitrile	4.99	53	238333	104.71	ug/l	98
16) Acetone	3.82	43	177852	102.62	ug/l	99
17) Carbon Disulfide	4.05	76	363743	16.54	ug/l	99
18) Methyl Acetate	4.33	43	150622	22.68	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	337354	20.44	ug/l	99
20) Methylene Chloride	4.55	84	151033	19.05	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	134560	18.96	ug/l	99
22) Diisopropyl ether	5.96	45	420440	20.63	ug/l	98
23) Vinyl Acetate	5.90	43	1252951	95.48	ug/l	100
24) 1,1-Dichloroethane	5.85	63	256237	19.59	ug/l	100
25) 2-Butanone	6.84	43	261730	92.34	ug/l	100
26) 2,2-Dichloropropane	6.83	77	201691	19.19	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	150289	19.64	ug/l	100
28) Bromochloromethane	7.20	49	107916	19.41	ug/l	98
29) Tetrahydrofuran	7.22	42	171559	105.57	ug/l	99
30) Chloroform	7.37	83	258890	19.98	ug/l	98
31) Cyclohexane	7.66	56	212692	18.19	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	216835	19.49	ug/l	99
36) 1,1-Dichloropropene	7.80	75	185936	19.00	ug/l	99
37) Ethyl Acetate	6.94	43	116857	20.79	ug/l	99
38) Carbon Tetrachloride	7.78	117	194651	19.68	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	193020	18.23	ug/l	99
40) Benzene	8.04	78	586060	19.86	ug/l	100
41) Methacrylonitrile	7.18	41	54184	17.81	ug/l	92
42) 1,2-Dichloroethane	8.13	62	178337	20.21	ug/l	99
43) Isopropyl Acetate	8.17	43	201138	20.81	ug/l	99
44) Trichloroethene	8.84	130	154038	19.79	ug/l	96
45) 1,2-Dichloropropane	9.12	63	154345	19.90	ug/l	99
46) Dibromomethane	9.21	93	92645	20.33	ug/l	99
47) Bromodichloromethane	9.41	83	195711	20.50	ug/l	98
48) Methyl methacrylate	9.20	41	101481	20.60	ug/l	98
49) 1,4-Dioxane	9.20	88	28646	426.59	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	583799	101.21	ug/l	99
52) Toluene	10.16	92	358860	20.53	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	183391	19.30	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	217237	19.97	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	133501	20.58	ug/l	99
56) Ethyl methacrylate	10.43	69	150712	19.37	ug/l	99
57) 1,3-Dichloropropane	10.71	76	219818	20.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	300189	89.74	ug/l	99
59) 2-Hexanone	10.75	43	375794	97.87	ug/l	100
60) Dibromochloromethane	10.90	129	148898	20.50	ug/l	99
61) 1,2-Dibromoethane	11.01	107	129385	20.62	ug/l	98
64) Tetrachloroethene	10.63	164	137759	19.53	ug/l	98
65) Chlorobenzene	11.44	112	382458	19.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	147704	20.80	ug/l	99
67) Ethyl Benzene	11.51	91	626406	19.85	ug/l	99
68) m/p-Xylenes	11.62	106	491260	41.01	ug/l	99
69) o-Xylene	11.95	106	232918	20.23	ug/l	99
70) Styrene	11.97	104	368193	18.95	ug/l	99
71) Bromoform	12.13	173	102600	21.01	ug/l #	100
73) Isopropylbenzene	12.25	105	619258	20.88	ug/l	100
74) N-amyl acetate	12.07	43	147580	19.81	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	167030	22.74	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	142480m	22.72	ug/l	
77) Bromobenzene	12.53	156	162033	20.11	ug/l	98
78) n-propylbenzene	12.59	91	677070	20.44	ug/l	100
79) 2-Chlorotoluene	12.68	91	422595	20.48	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	511283	21.37	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	37688	20.31	ug/l	96
82) 4-Chlorotoluene	12.77	91	410499	20.15	ug/l	100
83) tert-Butylbenzene	12.99	119	428744	20.69	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	508829	21.14	ug/l	100
85) sec-Butylbenzene	13.17	105	562152	20.70	ug/l	100
86) p-Isopropyltoluene	13.29	119	479196	20.71	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	266679	19.50	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	253651	18.85	ug/l	99
89) n-Butylbenzene	13.62	91	345418	18.67	ug/l	99
90) Hexachloroethane	13.88	117	92078	20.99	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	264466	20.04	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22509	21.14	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	97876	17.18	ug/l	99
94) Hexachlorobutadiene	15.01	225	81291	20.12	ug/l	99
95) Naphthalene	15.13	128	182086	16.75	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	101176	17.98	ug/l	99

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

