

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082918\
 Data File : VN050943.D
 Acq On : 29 Aug 2018 12:00
 Operator : MD\SY
 Sample : VN0829WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 11:07:47 AM

Quant Time: Aug 29 14:54:48 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	602652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	881699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	793038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	373259	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	368589	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
35) Dibromofluoromethane	7.59	113	345331	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
50) Toluene-d8	10.09	98	1303763	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	413109	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	155048	19.225	ug/l	99
3) Chloromethane	2.06	50	178641	17.958	ug/l	100
4) Vinyl Chloride	2.18	62	176723	18.754	ug/l	100
5) Bromomethane	2.56	94	100508	18.084	ug/l	97
6) Chloroethane	2.70	64	100213	18.406	ug/l	99
7) Trichlorofluoromethane	3.01	101	231157	19.157	ug/l	99
8) Diethyl Ether	3.41	74	83536	20.360	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	140836	18.682	ug/l	98
10) Methyl Iodide	3.95	142	112077	21.133	ug/l	100
11) Tert butyl alcohol	4.80	59	59234	128.214	ug/l	100
12) 1,1-Dichloroethene	3.73	96	130620	19.298	ug/l	99
13) Acrolein	3.61	56	19863	86.265	ug/l	100
14) Allyl chloride	4.33	41	198354	18.806	ug/l	99
15) Acrylonitrile	5.00	53	261205	111.251	ug/l	99
16) Acetone	3.82	43	183790	102.819	ug/l	99
17) Carbon Disulfide	4.05	76	376363	16.587	ug/l	99
18) Methyl Acetate	4.33	43	165519	24.161	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	368174	21.625	ug/l	100
20) Methylene Chloride	4.55	84	153581	18.782	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	135337	18.486	ug/l	97
22) Diisopropyl ether	5.96	45	439559	20.912	ug/l	99
23) Vinyl Acetate	5.90	43	1378967	101.871	ug/l	99
24) 1,1-Dichloroethane	5.85	63	260022	19.269	ug/l	98
25) 2-Butanone	6.84	43	290908	99.498	ug/l	100
26) 2,2-Dichloropropane	6.83	77	188908	17.422	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	154878	19.623	ug/l	100
28) Bromochloromethane	7.20	49	118931	20.741	ug/l	99
29) Tetrahydrofuran	7.22	42	199285	118.883	ug/l	99
30) Chloroform	7.37	83	260467	19.492	ug/l	100
31) Cyclohexane	7.66	56	224741	18.617	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	222343	19.372	ug/l	99
36) 1,1-Dichloropropene	7.80	75	191459	18.402	ug/l	98
37) Ethyl Acetate	6.94	43	134196	22.453	ug/l	99
38) Carbon Tetrachloride	7.78	117	192846	18.336	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	199825	17.752	ug/l	99
40) Benzene	8.04	78	603441	19.234	ug/l	98
41) Methacrylonitrile	7.18	41	60072	18.573	ug/l	91
42) 1,2-Dichloroethane	8.13	62	184093	19.626	ug/l	98
43) Isopropyl Acetate	8.17	43	234816	22.851	ug/l #	91
44) Trichloroethene	8.84	130	154463	18.667	ug/l	98
45) 1,2-Dichloropropane	9.12	63	158985	19.281	ug/l	98
46) Dibromomethane	9.21	93	94278	19.459	ug/l	98
47) Bromodichloromethane	9.40	83	192897	19.008	ug/l	99
48) Methyl methacrylate	9.20	41	113352	21.644	ug/l	98
49) 1,4-Dioxane	9.20	88	33372	467.438	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	664729	108.398	ug/l	99
52) Toluene	10.16	92	372402	20.037	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	191284	18.938	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	222285	19.218	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	138476	20.074	ug/l	98
56) Ethyl methacrylate	10.43	69	166115	19.991	ug/l	99
57) 1,3-Dichloropropane	10.71	76	229993	20.199	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	350230	97.291	ug/l	100
59) 2-Hexanone	10.75	43	426585	104.494	ug/l	100
60) Dibromochloromethane	10.90	129	152485	19.742	ug/l	98
61) 1,2-Dibromoethane	11.01	107	135525	20.317	ug/l	100
64) Tetrachloroethene	10.63	164	141681	18.809	ug/l	99
65) Chlorobenzene	11.44	112	398190	19.210	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	149128	19.663	ug/l	100
67) Ethyl Benzene	11.51	91	650736	19.310	ug/l	99
68) m/p-Xylenes	11.62	106	510051	39.876	ug/l	100
69) o-Xylene	11.95	106	247760	20.148	ug/l	99
70) Styrene	11.97	104	379564	18.340	ug/l	99
71) Bromoform	12.13	173	104932	20.119	ug/l #	99
73) Isopropylbenzene	12.25	105	646954	20.932	ug/l	100
74) N-amyl acetate	12.07	43	167784	21.605	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	181480	23.770	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	137400m	21.017	ug/l	
77) Bromobenzene	12.53	156	168947	20.113	ug/l	99
78) n-propylbenzene	12.59	91	708041	20.507	ug/l	100
79) 2-Chlorotoluene	12.68	91	438443	20.387	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	527473	21.151	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	40024	20.696	ug/l	98
82) 4-Chlorotoluene	12.77	91	425413	20.037	ug/l	99
83) tert-Butylbenzene	12.99	119	458949	21.250	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	530891	21.163	ug/l	100
85) sec-Butylbenzene	13.17	105	593241	20.962	ug/l	100
86) p-Isopropyltoluene	13.29	119	502266	20.828	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	275932	19.358	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	265850	18.950	ug/l	99
89) n-Butylbenzene	13.62	91	368971	19.130	ug/l	99
90) Hexachloroethane	13.88	117	94507	20.672	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	273608	19.895	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24935	22.464	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	112204	18.486	ug/l	98
94) Hexachlorobutadiene	15.01	225	85064	20.199	ug/l	99
95) Naphthalene	15.14	128	242373	19.897	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	119281	19.910	ug/l	100

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

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