

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050384.D
 Acq On : 6 Aug 2018 15:26
 Operator : MD\SY
 Sample : VN0806WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 9:59:01 AM

Quant Time: Aug 07 06:04:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	687723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1013441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	932616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	482721	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	452904	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
35) Dibromofluoromethane	7.59	113	398218	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
50) Toluene-d8	10.09	98	1515118	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.40	95	502920	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	149799	19.62	ug/l	99
3) Chloromethane	2.06	50	193367	20.57	ug/l	98
4) Vinyl Chloride	2.18	62	198830	20.12	ug/l	98
5) Bromomethane	2.56	94	96319	20.21	ug/l	99
6) Chloroethane	2.70	64	119895	19.69	ug/l	99
7) Trichlorofluoromethane	3.01	101	245374	19.23	ug/l	99
8) Diethyl Ether	3.41	74	94030	20.09	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	152382	19.32	ug/l	100
10) Methyl Iodide	3.95	142	84510	24.32	ug/l	97
11) Tert butyl alcohol	4.80	59	67260	91.12	ug/l	100
12) 1,1-Dichloroethene	3.73	96	143238	19.27	ug/l	97
13) Acrolein	3.61	56	95377	108.37	ug/l	99
14) Allyl chloride	4.32	41	231570	19.39	ug/l	98
15) Acrylonitrile	5.00	53	298790	96.64	ug/l	99
16) Acetone	3.82	43	270335	98.43	ug/l	97
17) Carbon Disulfide	4.05	76	443161	18.33	ug/l	100
18) Methyl Acetate	4.33	43	140933	19.68	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	418846	19.85	ug/l	100
20) Methylene Chloride	4.55	84	175011	19.95	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	156227	19.42	ug/l	98
22) Diisopropyl ether	5.96	45	491366	20.14	ug/l	97
23) Vinyl Acetate	5.90	43	1730606	99.44	ug/l	99
24) 1,1-Dichloroethane	5.85	63	293662	19.62	ug/l	99
25) 2-Butanone	6.84	43	431483	94.76	ug/l	100
26) 2,2-Dichloropropane	6.83	77	233692	18.94	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	174291	19.54	ug/l	98
28) Bromochloromethane	7.20	49	131009	19.02	ug/l	99
29) Tetrahydrofuran	7.22	42	230502	94.58	ug/l	99
30) Chloroform	7.37	83	293876	19.64	ug/l	98
31) Cyclohexane	7.66	56	256671	19.10	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	252220	19.63	ug/l	99
36) 1,1-Dichloropropene	7.79	75	220537	19.81	ug/l	99
37) Ethyl Acetate	6.94	43	163362	20.37	ug/l	99
38) Carbon Tetrachloride	7.78	117	222047	19.12	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	232543	19.13	ug/l	100
40) Benzene	8.04	78	685889	20.04	ug/l	99
41) Methacrylonitrile	7.18	41	70373	16.50	ug/l	95
42) 1,2-Dichloroethane	8.13	62	214407	19.73	ug/l	100
43) Isopropyl Acetate	8.17	43	270316	19.53	ug/l	97
44) Trichloroethene	8.84	130	176249	19.16	ug/l	96
45) 1,2-Dichloropropane	9.12	63	174594	19.40	ug/l	98
46) Dibromomethane	9.21	93	108084	19.45	ug/l	97
47) Bromodichloromethane	9.40	83	223801	19.44	ug/l	99
48) Methyl methacrylate	9.20	41	131751	18.99	ug/l	99
49) 1,4-Dioxane	9.20	88	40932	382.74	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	993660	99.67	ug/l	100
52) Toluene	10.16	92	418569	20.36	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	227332	19.67	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	256449	19.88	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	157704	19.64	ug/l	98
56) Ethyl methacrylate	10.43	69	199869	18.70	ug/l	98
57) 1,3-Dichloropropane	10.71	76	262680	19.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	471067	93.72	ug/l	100
59) 2-Hexanone	10.75	43	674023	96.88	ug/l	100
60) Dibromochloromethane	10.90	129	174839	19.77	ug/l	100
61) 1,2-Dibromoethane	11.01	107	155705	19.68	ug/l	99
64) Tetrachloroethene	10.63	164	171821	19.72	ug/l	99
65) Chlorobenzene	11.44	112	457003	19.55	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	167113	19.64	ug/l	100
67) Ethyl Benzene	11.51	91	762197	20.17	ug/l	100
68) m/p-Xylenes	11.62	106	595368	41.38	ug/l	100
69) o-Xylene	11.95	106	285262	20.58	ug/l	98
70) Styrene	11.97	104	462169	20.51	ug/l	99
71) Bromoform	12.13	173	121645	19.56	ug/l #	98
73) Isopropylbenzene	12.25	105	751011	20.73	ug/l	99
74) N-amyl acetate	12.07	43	232649	19.81	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	209001	19.99	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	177719m	20.34	ug/l	
77) Bromobenzene	12.53	156	197859	20.38	ug/l	100
78) n-propylbenzene	12.59	91	858897	20.94	ug/l	100
79) 2-Chlorotoluene	12.68	91	527489	20.82	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	628987	21.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	49787	20.02	ug/l	98
82) 4-Chlorotoluene	12.78	91	523444	20.72	ug/l	99
83) tert-Butylbenzene	12.99	119	532519	20.75	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	636326	21.36	ug/l	100
85) sec-Butylbenzene	13.17	105	707499	20.69	ug/l	100
86) p-Isopropyltoluene	13.29	119	609194	20.78	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	341694	19.76	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	334671	19.38	ug/l	98
89) n-Butylbenzene	13.62	91	480032	19.24	ug/l	100
90) Hexachloroethane	13.88	117	104172	19.99	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	338559	19.53	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32693	18.42	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	162203	18.37	ug/l	96
94) Hexachlorobutadiene	15.01	225	101155	19.99	ug/l	98
95) Naphthalene	15.14	128	368961	18.26	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	161209	18.06	ug/l	99

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

