

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050724.D
 Acq On : 17 Aug 2018 12:44
 Operator : MD\SY
 Sample : VN0817WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/20/2018 10:52:57 AM

Quant Time: Aug 18 00:09:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	607370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	887637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	808609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	392930	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	387506	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
35) Dibromofluoromethane	7.59	113	363513	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
50) Toluene-d8	10.09	98	1359727	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.40	95	426393	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	127357	18.60	ug/l	99
3) Chloromethane	2.06	50	162676	19.19	ug/l	100
4) Vinyl Chloride	2.18	62	166106	18.26	ug/l	98
5) Bromomethane	2.56	94	94341	17.96	ug/l	100
6) Chloroethane	2.70	64	102561	19.32	ug/l	97
7) Trichlorofluoromethane	3.01	101	222149	18.61	ug/l	98
8) Diethyl Ether	3.41	74	77398	19.50	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	138030	19.12	ug/l	99
10) Methyl Iodide	3.95	142	79531	20.30	ug/l	99
11) Tert butyl alcohol	4.79	59	43492	104.04	ug/l	99
12) 1,1-Dichloroethene	3.73	96	122231	18.55	ug/l	99
13) Acrolein	3.61	56	9870	54.11	ug/l	99
14) Allyl chloride	4.33	41	193729	18.90	ug/l	99
15) Acrylonitrile	4.99	53	227779	99.21	ug/l	100
16) Acetone	3.82	43	199436	103.48	ug/l	96
17) Carbon Disulfide	4.05	76	364595	17.58	ug/l	100
18) Methyl Acetate	4.33	43	116896	21.17	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	329653	19.65	ug/l	99
20) Methylene Chloride	4.55	84	150078	19.86	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	133312	18.66	ug/l	96
22) Diisopropyl ether	5.96	45	426820	20.31	ug/l	97
23) Vinyl Acetate	5.90	43	1358706	98.82	ug/l	99
24) 1,1-Dichloroethane	5.85	63	258857	19.03	ug/l	98
25) 2-Butanone	6.84	43	313615	99.91	ug/l	99
26) 2,2-Dichloropropane	6.83	77	197698	21.72	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	149964	18.85	ug/l	97
28) Bromochloromethane	7.20	49	117734	19.02	ug/l	100
29) Tetrahydrofuran	7.22	42	169532	103.44	ug/l	98
30) Chloroform	7.37	83	261121	18.95	ug/l	99
31) Cyclohexane	7.65	56	221854	18.90	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	216736	18.68	ug/l	99
36) 1,1-Dichloropropene	7.79	75	193411	19.57	ug/l	99
37) Ethyl Acetate	6.93	43	117937	21.12	ug/l #	93
38) Carbon Tetrachloride	7.78	117	194792	19.00	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	195485	19.11	ug/l	98
40) Benzene	8.04	78	595000	19.79	ug/l	99
41) Methacrylonitrile	7.18	41	61459	20.35	ug/l #	90
42) 1,2-Dichloroethane	8.13	62	182081	19.76	ug/l	100
43) Isopropyl Acetate	8.17	43	201349	19.78	ug/l	99
44) Trichloroethene	8.84	130	153564	19.07	ug/l	99
45) 1,2-Dichloropropane	9.12	63	156581	19.57	ug/l	97
46) Dibromomethane	9.21	93	92229	19.52	ug/l	99
47) Bromodichloromethane	9.40	83	193211	19.13	ug/l	99
48) Methyl methacrylate	9.20	41	96445	18.83	ug/l	97
49) 1,4-Dioxane	9.20	88	27697	410.49	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	724709	105.27	ug/l	99
52) Toluene	10.16	92	363111	20.23	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	185476	19.72	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	219808	20.37	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	132983	19.83	ug/l	99
56) Ethyl methacrylate	10.43	69	154398	19.27	ug/l	100
57) 1,3-Dichloropropane	10.71	76	220646	20.07	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	365225	95.84	ug/l	100
59) 2-Hexanone	10.75	43	457225	102.91	ug/l	99
60) Dibromochloromethane	10.90	129	146893	19.85	ug/l	99
61) 1,2-Dibromoethane	11.01	107	125910	19.72	ug/l	100
64) Tetrachloroethene	10.63	164	141524	18.85	ug/l	99
65) Chlorobenzene	11.44	112	392525	19.51	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	145464	19.28	ug/l	100
67) Ethyl Benzene	11.51	91	643845	19.81	ug/l	100
68) m/p-Xylenes	11.62	106	502879	40.46	ug/l	99
69) o-Xylene	11.95	106	239481	20.21	ug/l	100
70) Styrene	11.96	104	382599	18.75	ug/l	99
71) Bromoform	12.13	173	98243	19.64	ug/l #	100
73) Isopropylbenzene	12.25	105	626168	20.40	ug/l	100
74) N-amyl acetate	12.07	43	158876	19.89	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	164725	21.80	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	136113m	20.84	ug/l	
77) Bromobenzene	12.53	156	166445	19.97	ug/l	99
78) n-propylbenzene	12.59	91	713448	20.84	ug/l	99
79) 2-Chlorotoluene	12.68	91	434349	20.35	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	528010	21.48	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	36312	20.55	ug/l	98
82) 4-Chlorotoluene	12.77	91	433757	20.57	ug/l	100
83) tert-Butylbenzene	12.99	119	448118	21.00	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	524782	21.27	ug/l	100
85) sec-Butylbenzene	13.17	105	581633	20.86	ug/l	100
86) p-Isopropyltoluene	13.29	119	498596	21.10	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	276870	19.51	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	267715	19.01	ug/l	100
89) n-Butylbenzene	13.62	91	370554	19.42	ug/l	97
90) Hexachloroethane	13.88	117	92428	19.46	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	271789	19.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21786	19.89	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	107397	16.98	ug/l	99
94) Hexachlorobutadiene	15.01	225	83129	19.59	ug/l	98
95) Naphthalene	15.14	128	200372	16.09	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	109326	17.77	ug/l	100

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

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