Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021119\
Data File : VN053696.D
Acq On : 11 Feb 2019 11:25
Operator : JC/SP
Sample : VN0211WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0211WBS01

Manual Integrations APPROVED
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2/12/2019 12:50:23 PM

Quant Time: Feb 11 22:25:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	690439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1029663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	881589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	419887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	337677	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.50%			
35) Dibromofluoromethane	7.59	113	325281	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.00%			
50) Toluene-d8	10.09	98	1201020	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.32%			
62) 4-Bromofluorobenzene	12.40	95	387356	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	138281	17.983	ug/l	99
3) Chloromethane	2.06	50	141560	17.270	ug/l	100
4) Vinyl Chloride	2.19	62	144659	18.180	ug/l	100
5) Bromomethane	2.57	94	104696	20.123	ug/l	100
6) Chloroethane	2.71	64	89966	19.785	ug/l	96
7) Trichlorofluoromethane	3.02	101	204377	18.941	ug/l	97
8) Diethyl Ether	3.41	74	71836	18.229	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	127130	19.050	ug/l	98
10) Methyl Iodide	3.95	142	177977	16.992	ug/l	99
11) Tert butyl alcohol	4.78	59	39771	97.021	ug/l	99
12) 1,1-Dichloroethene	3.74	96	118778	18.578	ug/l	98
13) Acrolein	3.61	56	11143	49.927	ug/l	91
14) Allyl chloride	4.32	41	185777	18.249	ug/l	99
15) Acrylonitrile	4.99	53	208916	94.405	ug/l	99
16) Acetone	3.82	43	172593	97.145	ug/l	99
17) Carbon Disulfide	4.05	76	333042	16.729	ug/l	100
18) Methyl Acetate	4.32	43	104531	19.867	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	305440	18.845	ug/l	98
20) Methylene Chloride	4.55	84	135645	18.198	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	126608	18.355	ug/l	96
22) Diisopropyl ether	5.95	45	353722	18.752	ug/l	96
23) Vinyl Acetate	5.90	43	1169243	89.604	ug/l	99
24) 1,1-Dichloroethane	5.85	63	232060	18.445	ug/l	100
25) 2-Butanone	6.84	43	239107	94.364	ug/l	99
26) 2,2-Dichloropropane	6.82	77	176609	18.389	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	143798	18.748	ug/l	97
28) Bromochloromethane	7.19	49	105309	19.288	ug/l	96
29) Tetrahydrofuran	7.21	42	150501	92.497	ug/l	98
30) Chloroform	7.37	83	231149	18.534	ug/l	98
31) Cyclohexane	7.65	56	208605	17.699	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	192561	18.553	ug/l	99
36) 1,1-Dichloropropene	7.79	75	171107	18.435	ug/l	97
37) Ethyl Acetate	6.93	43	90940	17.543	ug/l	96
38) Carbon Tetrachloride	7.77	117	174006	18.610	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	201431	18.292	ug/l		99
40) Benzene	8.04	78	529969	18.516	ug/l		100
41) Methacrylonitrile	7.17	41	52441	18.100	ug/l		91
42) 1,2-Dichloroethane	8.12	62	155827	18.335	ug/l		98
43) Isopropyl Acetate	8.16	43	168848	16.866	ug/l		99
44) Trichloroethene	8.83	130	148819	18.263	ug/l		99
45) 1,2-Dichloropropane	9.12	63	139287	19.026	ug/l		99
46) Dibromomethane	9.21	93	81590	18.488	ug/l		98
47) Bromodichloromethane	9.40	83	174338	19.000	ug/l		98
48) Methyl methacrylate	9.20	41	80633	16.873	ug/l		91
49) 1,4-Dioxane	9.20	88	25408	391.683	ug/l	#	94
51) 4-Methyl-2-Pentanone	9.99	43	450204	91.513	ug/l		100
52) Toluene	10.16	92	322048	18.958	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	164821	17.938	ug/l		97
54) cis-1,3-Dichloropropene	9.84	75	203401	18.681	ug/l		97
55) 1,1,2-Trichloroethane	10.56	97	117318	19.166	ug/l		99
56) Ethyl methacrylate	10.43	69	126508	17.470	ug/l		98
57) 1,3-Dichloropropane	10.71	76	195446	18.682	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.70	63	339800	81.248	ug/l		98
59) 2-Hexanone	10.75	43	288128	86.273	ug/l		100
60) Dibromochloromethane	10.90	129	131829	19.098	ug/l		100
61) 1,2-Dibromoethane	11.00	107	110323	18.209	ug/l		99
64) Tetrachloroethene	10.63	164	145591	19.265	ug/l		98
65) Chlorobenzene	11.43	112	350045	18.693	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	127170	19.445	ug/l		100
67) Ethyl Benzene	11.51	91	574685	18.682	ug/l		99
68) m/p-Xylenes	11.62	106	452849	38.572	ug/l		99
69) o-Xylene	11.95	106	219253	19.331	ug/l		98
70) Styrene	11.96	104	349967	19.037	ug/l		100
71) Bromoform	12.13	173	86360	19.262	ug/l	#	99
73) Isopropylbenzene	12.25	105	585373	19.831	ug/l		99
74) N-amyl acetate	12.07	43	130025	18.319	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	131905	18.672	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	106738m	19.791	ug/l		
77) Bromobenzene	12.53	156	149422	18.783	ug/l		99
78) n-propylbenzene	12.59	91	675433	19.794	ug/l		100
79) 2-Chlorotoluene	12.67	91	399283	19.723	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	498596	20.370	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	33080	17.247	ug/l		97
82) 4-Chlorotoluene	12.77	91	397495	19.135	ug/l		100
83) tert-Butylbenzene	12.99	119	443168	20.485	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	501574	20.113	ug/l		98
85) sec-Butylbenzene	13.17	105	602698	20.473	ug/l		99
86) p-Isopropyltoluene	13.29	119	529299	20.558	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	267274	18.690	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	267957	18.942	ug/l		99
89) n-Butylbenzene	13.61	91	445030	19.969	ug/l		99
90) Hexachloroethane	13.87	117	87040	20.495	ug/l		96
91) 1,2-Dichlorobenzene	13.65	146	263030	19.212	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19521	19.389	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	143321	18.253	ug/l	99
94) Hexachlorobutadiene	15.01	225	103878	21.243	ug/l	98
95) Naphthalene	15.13	128	270181	15.876	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	135799	18.639	ug/l	100

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

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