Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082318\
Data File : VN050840.D
Acq On : 23 Aug 2018 9:51
Operator : MD\SY
Sample : VN0823WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 24 01:45:23 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

Instrument : MSVOA_N
ClientSampleId : VN0823WBS01

Manual Integrations APPROVED
MMDadoda
8/24/2018 10:40:42 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	647707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	931992	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	837911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	391247	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	386433	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.12%			
35) Dibromofluoromethane	7.59	113	372334	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.44%			
50) Toluene-d8	10.09	98	1376803	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.34%			
62) 4-Bromofluorobenzene	12.40	95	434433	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	191443	22.09	ug/l	99
3) Chloromethane	2.06	50	203865	19.07	ug/l	99
4) Vinyl Chloride	2.19	62	207085	20.45	ug/l	98
5) Bromomethane	2.57	94	111851	18.76	ug/l	100
6) Chloroethane	2.70	64	116075	19.84	ug/l	98
7) Trichlorofluoromethane	3.01	101	261807	20.19	ug/l	100
8) Diethyl Ether	3.41	74	89741	20.35	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	164028	20.24	ug/l	99
10) Methyl Iodide	3.95	142	106704	19.44	ug/l	99
11) Tert butyl alcohol	4.79	59	47955	96.58	ug/l	98
12) 1,1-Dichloroethene	3.74	96	148924	20.47	ug/l	97
13) Acrolein	3.61	56	22428	89.72	ug/l	99
14) Allyl chloride	4.32	41	223401	19.71	ug/l	99
15) Acrylonitrile	4.99	53	247438	98.06	ug/l	99
16) Acetone	3.82	43	184326	95.46	ug/l	99
17) Carbon Disulfide	4.05	76	448792	18.40	ug/l	99
18) Methyl Acetate	4.33	43	140465	19.08	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	375270	20.51	ug/l	99
20) Methylene Chloride	4.55	84	170982	19.46	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	154035	19.58	ug/l	95
22) Diisopropyl ether	5.96	45	479481	21.22	ug/l	97
23) Vinyl Acetate	5.90	43	1474922	101.38	ug/l	99
24) 1,1-Dichloroethane	5.85	63	292134	20.14	ug/l	99
25) 2-Butanone	6.84	43	277573	88.33	ug/l	100
26) 2,2-Dichloropropane	6.83	77	235813	20.23	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	173293	20.43	ug/l	99
28) Bromochloromethane	7.19	49	112746	18.29	ug/l	99
29) Tetrahydrofuran	7.22	42	183703	101.96	ug/l	100
30) Chloroform	7.37	83	288724	20.10	ug/l	99
31) Cyclohexane	7.66	56	258229	19.87	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	246362	19.97	ug/l	99
36) 1,1-Dichloropropene	7.79	75	220930	20.09	ug/l	99
37) Ethyl Acetate	6.93	43	122874	19.45	ug/l	99
38) Carbon Tetrachloride	7.78	117	218931	19.69	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	230441	19.37	ug/l		99
40) Benzene	8.04	78	676645	20.40	ug/l		100
41) Methacrylonitrile	7.18	41	67535	19.75	ug/l		94
42) 1,2-Dichloroethane	8.13	62	198267	20.00	ug/l		100
43) Isopropyl Acetate	8.17	43	221356	20.38	ug/l	#	88
44) Trichloroethene	8.84	130	175458	20.06	ug/l		98
45) 1,2-Dichloropropane	9.12	63	175825	20.17	ug/l		98
46) Dibromomethane	9.21	93	101009	19.72	ug/l		98
47) Bromodichloromethane	9.40	83	217362	20.26	ug/l		97
48) Methyl methacrylate	9.20	41	111385	20.12	ug/l		99
49) 1,4-Dioxane	9.20	88	29553	391.61	ug/l		98
51) 4-Methyl-2-Pentanone	9.99	43	611955	94.41	ug/l		99
52) Toluene	10.16	92	410150	20.88	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	206323	19.32	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	247508	20.24	ug/l		98
55) 1,1,2-Trichloroethane	10.56	97	146560	20.10	ug/l		98
56) Ethyl methacrylate	10.43	69	165218	18.95	ug/l		99
57) 1,3-Dichloropropane	10.71	76	243965	20.27	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	350900	92.85	ug/l		100
59) 2-Hexanone	10.75	43	387413	89.78	ug/l		100
60) Dibromochloromethane	10.90	129	163595	20.04	ug/l		99
61) 1,2-Dibromoethane	11.01	107	139701	19.81	ug/l		99
64) Tetrachloroethene	10.63	164	163546	20.55	ug/l		98
65) Chlorobenzene	11.43	112	436770	19.94	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	163488	20.40	ug/l		99
67) Ethyl Benzene	11.51	91	721270	20.26	ug/l		100
68) m/p-Xylenes	11.62	106	566208	41.90	ug/l		99
69) o-Xylene	11.95	106	270419	20.81	ug/l		100
70) Styrene	11.96	104	417298	19.03	ug/l		99
71) Bromoform	12.13	173	107815	19.56	ug/l	#	99
73) Isopropylbenzene	12.25	105	711193	21.95	ug/l		100
74) N-amyl acetate	12.07	43	161206	19.80	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	177792	22.11	ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	148561m	21.68	ug/l		
77) Bromobenzene	12.53	156	178492	20.27	ug/l		100
78) n-propylbenzene	12.59	91	784029	21.66	ug/l		100
79) 2-Chlorotoluene	12.67	91	480498	21.32	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	583903	22.34	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	39702	19.59	ug/l		96
82) 4-Chlorotoluene	12.77	91	475017	21.34	ug/l		99
83) tert-Butylbenzene	12.99	119	488639	21.58	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	584338	22.22	ug/l		100
85) sec-Butylbenzene	13.17	105	643710	21.70	ug/l		100
86) p-Isopropyltoluene	13.29	119	551055	21.80	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	297568	19.92	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	285781	19.43	ug/l		99
89) n-Butylbenzene	13.62	91	400137	19.79	ug/l		99
90) Hexachloroethane	13.88	117	99035	20.67	ug/l		97
91) 1,2-Dichlorobenzene	13.65	146	293681	20.37	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22971	19.74	ug/l		97

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	109805	17.53	ug/l	98
94) Hexachlorobutadiene	15.01	225	90789	20.59	ug/l	99
95) Naphthalene	15.13	128	201177	16.88	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	112645	18.26	ug/l	97

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

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