Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091518\
Data File : VN051241.D
Acq On : 15 Sep 2018 23:41
Operator : MD\SY
Sample : VN0915WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 17 05:04:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Instrument : MSVOA_N
ClientSampleId : VN0915WBS02

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	581879	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	840021	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	740133	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	339352	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	292544	45.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.36%				
35) Dibromofluoromethane	7.59	113	291230	46.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.28%				
50) Toluene-d8	10.09	98	1048383	43.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.54%				
62) 4-Bromofluorobenzene	12.40	95	320284	40.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 80.84%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	107981	19.24	ug/l		98
3) Chloromethane	2.06	50	142828	19.38	ug/l		98
4) Vinyl Chloride	2.18	62	142309	18.48	ug/l		100
5) Bromomethane	2.57	94	83070	18.49	ug/l		97
6) Chloroethane	2.70	64	84989	17.88	ug/l		99
7) Trichlorofluoromethane	3.02	101	194566	19.06	ug/l		100
8) Diethyl Ether	3.41	74	61160	16.29	ug/l		96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	121295	18.44	ug/l		99
10) Methyl Iodide	3.95	142	94696	19.29	ug/l		97
11) Tert butyl alcohol	4.79	59	30656	61.98	ug/l	#	88
12) 1,1-Dichloroethene	3.74	96	108339	17.45	ug/l		98
13) Acrolein	3.61	56	21826	56.92	ug/l		100
14) Allyl chloride	4.33	41	151600	16.03	ug/l		98
15) Acrylonitrile	4.99	53	170734	77.90	ug/l		99
16) Acetone	3.82	43	110986	65.00	ug/l		99
17) Carbon Disulfide	4.05	76	334413	18.35	ug/l		99
18) Methyl Acetate	4.33	43	80849	15.59	ug/l		98
19) Methyl tert-butyl Ether	5.05	73	264999	16.15	ug/l		100
20) Methylene Chloride	4.55	84	128236	17.93	ug/l		99
21) trans-1,2-Dichloroethene	5.04	96	117553	17.46	ug/l		99
22) Diisopropyl ether	5.96	45	345294	18.39	ug/l		99
23) Vinyl Acetate	5.90	43	1046030	82.34	ug/l		99
24) 1,1-Dichloroethane	5.85	63	219068	18.39	ug/l		98
25) 2-Butanone	6.84	43	169825	66.70	ug/l		100
26) 2,2-Dichloropropane	6.83	77	124751	12.80	ug/l		99
27) cis-1,2-Dichloroethene	6.83	96	131259	17.77	ug/l		96
28) Bromochloromethane	7.20	49	86996	16.41	ug/l		100
29) Tetrahydrofuran	7.22	42	118151	74.31	ug/l		98
30) Chloroform	7.37	83	222243	18.76	ug/l		98
31) Cyclohexane	7.66	56	187980	17.55	ug/l		95
32) 1,1,1-Trichloroethane	7.57	97	188318	18.65	ug/l		99
36) 1,1-Dichloropropene	7.79	75	162662	17.64	ug/l		100
37) Ethyl Acetate	6.93	43	84082	15.74	ug/l		98
38) Carbon Tetrachloride	7.77	117	170160	18.75	ug/l		99

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ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Sep 17 05:04:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	171885	16.89	ug/l		98
40) Benzene	8.04	78	502583	18.08	ug/l		99
41) Methacrylonitrile	7.18	41	48036m	17.43	ug/l		
42) 1,2-Dichloroethane	8.13	62	147253	18.18	ug/l		100
43) Isopropyl Acetate	8.17	43	159361	16.91	ug/l		97
44) Trichloroethene	8.84	130	133314	17.54	ug/l		98
45) 1,2-Dichloropropane	9.12	63	130790	18.21	ug/l		99
46) Dibromomethane	9.21	93	76472	17.45	ug/l		99
47) Bromodichloromethane	9.40	83	162925	18.29	ug/l		98
48) Methyl methacrylate	9.20	41	73879	16.09	ug/l		95
49) 1,4-Dioxane	9.20	88	20472	284.24	ug/l		99
51) 4-Methyl-2-Pentanone	9.99	43	395101	75.81	ug/l		99
52) Toluene	10.16	92	310923	18.35	ug/l		99
53) t-1,3-Dichloropropene	10.38	75	143025	16.04	ug/l		100
54) cis-1,3-Dichloropropene	9.84	75	175805	16.82	ug/l		99
55) 1,1,2-Trichloroethane	10.56	97	108615	17.64	ug/l		98
56) Ethyl methacrylate	10.43	69	112495	15.40	ug/l		99
57) 1,3-Dichloropropane	10.71	76	176540	17.30	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	218719	74.37	ug/l		100
59) 2-Hexanone	10.75	43	238756	67.55	ug/l		95
60) Dibromochloromethane	10.90	129	124979	18.01	ug/l		100
61) 1,2-Dibromoethane	11.01	107	103172	17.15	ug/l		98
64) Tetrachloroethene	10.63	164	127092	18.82	ug/l		99
65) Chlorobenzene	11.43	112	331653	17.78	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.51	131	125915	18.75	ug/l		100
67) Ethyl Benzene	11.51	91	531187	17.58	ug/l		99
68) m/p-Xylenes	11.62	106	424558	36.57	ug/l		99
69) o-Xylene	11.95	106	200019	17.79	ug/l		98
70) Styrene	11.96	104	312606	17.93	ug/l		98
71) Bromoform	12.13	173	80428	17.01	ug/l	#	100
73) Isopropylbenzene	12.25	105	523229	18.39	ug/l		99
74) N-amyl acetate	12.07	43	101551	14.18	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.50	83	123232	17.85	ug/l		98
76) 1,2,3-Trichloropropane	12.55	75	94614m	17.00	ug/l		
77) Bromobenzene	12.53	156	134718	17.62	ug/l		98
78) n-propylbenzene	12.59	91	565088	18.06	ug/l		99
79) 2-Chlorotoluene	12.67	91	358496	18.34	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	435929	18.95	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	23927	13.39	ug/l		98
82) 4-Chlorotoluene	12.77	91	344744	17.76	ug/l		100
83) tert-Butylbenzene	12.99	119	368372	18.14	ug/l		98
84) 1,2,4-Trimethylbenzene	13.04	105	422770	18.69	ug/l		99
85) sec-Butylbenzene	13.17	105	475492	18.25	ug/l		100
86) p-Isopropyltoluene	13.29	119	402834	18.24	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	216262	16.68	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	206542	17.35	ug/l		98
89) n-Butylbenzene	13.62	91	262488	15.27	ug/l		99
90) Hexachloroethane	13.87	117	80073	19.54	ug/l		99
91) 1,2-Dichlorobenzene	13.65	146	215521	17.05	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15258	16.15	ug/l		94

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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	63591	13.57	ug/l	96
94) Hexachlorobutadiene	15.01	225	70069	17.90	ug/l	99
95) Naphthalene	15.13	128	111693	13.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	69832	14.21	ug/l	99

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

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