Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071818\
Data File : VN049902.D
Acq On : 19 Jul 2018 4:53
Operator : MD\SY
Sample : VN0718WBS04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jul 19 08:30:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 13:09:48 2018
Response via : Initial Calibration

Instrument : MSVOA_N
ClientSampleId : VN0718WBS04

Manual Integrations APPROVED
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7/19/2018 4:29:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	604427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	915714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	816301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	408713	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	429593	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.42%			
35) Dibromofluoromethane	7.59	113	383936	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.88%			
50) Toluene-d8	10.09	98	1413050	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.90%			
62) 4-Bromofluorobenzene	12.40	95	461379	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	115966	20.18	ug/l	97
3) Chloromethane	2.06	50	152356	18.47	ug/l	100
4) Vinyl Chloride	2.18	62	171192	19.45	ug/l	100
5) Bromomethane	2.57	94	101716	19.51	ug/l	97
6) Chloroethane	2.70	64	108752	18.92	ug/l	100
7) Trichlorofluoromethane	3.01	101	231723	19.16	ug/l	100
8) Diethyl Ether	3.41	74	84599	20.05	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	142237	19.07	ug/l	98
10) Methyl Iodide	3.95	142	195779	19.56	ug/l	99
11) Tert butyl alcohol	4.80	59	54382	91.89	ug/l	99
12) 1,1-Dichloroethene	3.73	96	129337	19.74	ug/l	98
13) Acrolein	3.61	56	33329	87.39	ug/l	95
14) Allyl chloride	4.32	41	201037	19.46	ug/l	99
15) Acrylonitrile	5.00	53	251941	96.79	ug/l	98
16) Acetone	3.82	43	187876	87.35	ug/l	99
17) Carbon Disulfide	4.05	76	360127	18.37	ug/l	99
18) Methyl Acetate	4.33	43	147014	21.28	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	374146	20.75	ug/l	99
20) Methylene Chloride	4.55	84	151579	18.53	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	138829	19.95	ug/l	98
22) Diisopropyl ether	5.95	45	450203	21.36	ug/l	99
23) Vinyl Acetate	5.90	43	1493000	100.94	ug/l	100
24) 1,1-Dichloroethane	5.85	63	269368	19.91	ug/l	100
25) 2-Butanone	6.84	43	286336	93.15	ug/l	97
26) 2,2-Dichloropropane	6.82	77	164325	15.61	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	159385	20.87	ug/l	97
28) Bromochloromethane	7.20	49	128192	20.98	ug/l	98
29) Tetrahydrofuran	7.22	42	191286	98.78	ug/l	99
30) Chloroform	7.37	83	283314	20.39	ug/l	98
31) Cyclohexane	7.65	56	221814	20.14	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	237039	19.74	ug/l	98
36) 1,1-Dichloropropene	7.79	75	198988	19.54	ug/l	100
37) Ethyl Acetate	6.93	43	132968	19.02	ug/l	99
38) Carbon Tetrachloride	7.77	117	207590	19.03	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	200238	19.04	ug/l		96
40) Benzene	8.04	78	614431	19.80	ug/l		99
41) Methacrylonitrile	7.18	41	64111	18.29	ug/l		91
42) 1,2-Dichloroethane	8.13	62	198818	19.34	ug/l		100
43) Isopropyl Acetate	8.17	43	257245	21.06	ug/l		100
44) Trichloroethene	8.83	130	161745	19.88	ug/l		100
45) 1,2-Dichloropropane	9.12	63	164761	19.68	ug/l		99
46) Dibromomethane	9.21	93	98549	18.98	ug/l		99
47) Bromodichloromethane	9.40	83	211803	19.73	ug/l		97
48) Methyl methacrylate	9.20	41	114630	18.71	ug/l		99
49) 1,4-Dioxane	9.20	88	33100	380.81	ug/l		97
51) 4-Methyl-2-Pentanone	9.99	43	663849	97.22	ug/l		100
52) Toluene	10.16	92	379300	20.49	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	196455	18.50	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	227637	19.40	ug/l		99
55) 1,1,2-Trichloroethane	10.56	97	143154	18.72	ug/l		96
56) Ethyl methacrylate	10.43	69	173414	18.32	ug/l		98
57) 1,3-Dichloropropane	10.71	76	238923	19.84	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.70	63	411218	100.94	ug/l		99
59) 2-Hexanone	10.75	43	435943	95.05	ug/l		96
60) Dibromochloromethane	10.90	129	160574	19.15	ug/l		99
61) 1,2-Dibromoethane	11.01	107	136353	19.08	ug/l		97
64) Tetrachloroethene	10.63	164	148514	20.25	ug/l		98
65) Chlorobenzene	11.43	112	406866	19.84	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	156639	19.72	ug/l		99
67) Ethyl Benzene	11.51	91	677513	20.36	ug/l		100
68) m/p-Xylenes	11.62	106	529619	42.05	ug/l		99
69) o-Xylene	11.95	106	249372	20.61	ug/l		99
70) Styrene	11.96	104	409114	20.88	ug/l		100
71) Bromoform	12.13	173	109586	19.28	ug/l	#	98
73) Isopropylbenzene	12.25	105	671479	21.63	ug/l		100
74) N-amyl acetate	12.07	43	190262	20.13	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	180649	19.42	ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	146469m	19.10	ug/l		
77) Bromobenzene	12.53	156	177390	20.69	ug/l		98
78) n-propylbenzene	12.59	91	766004	21.70	ug/l		100
79) 2-Chlorotoluene	12.67	91	463469	21.39	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	551759	22.17	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	42839	17.47	ug/l		96
82) 4-Chlorotoluene	12.77	91	468718	21.56	ug/l		100
83) tert-Butylbenzene	12.99	119	467352	21.39	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	565318	22.43	ug/l		100
85) sec-Butylbenzene	13.17	105	627142	21.72	ug/l		100
86) p-Isopropyltoluene	13.29	119	532483	21.63	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	306621	20.53	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	298074	19.90	ug/l		99
89) n-Butylbenzene	13.62	91	415078	20.42	ug/l		99
90) Hexachloroethane	13.87	117	104384	18.89	ug/l		98
91) 1,2-Dichlorobenzene	13.65	146	299345	20.38	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27958	19.45	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	137412	19.27	ug/l	99
94) Hexachlorobutadiene	15.01	225	91740	19.06	ug/l	98
95) Naphthalene	15.13	128	291130	18.18	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	139449	19.79	ug/l	98

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

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