Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110099.D
Acq On : 24 Oct 2018 1:11
Operator : JU/SJ
Sample : J5164-09
Misc : MDL 5PPM
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/24/2018 5:12:18 PM

Quant Time: Oct 24 07:48:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	153873	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	639970	20.00	ng		-0.02
39) Acenaphthene-d10	10.00	164	315338	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	610832	20.00	ng		-0.02
76) Chrysene-d12	14.14	240	511271	20.00	ng		-0.02
87) Perylene-d12	15.66	264	443072	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1246808	131.95	ng		-0.02
7) Phenol-d6	6.59	99	1557368	128.86	ng		-0.02
23) Nitrobenzene-d5	7.53	82	914869	84.79	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	421364	134.90	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	1707683	85.04	ng		-0.02
79) Terphenyl-d14	13.09	244	1767547	71.90	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	21179	4.278	ng		94
3) Pyridine	3.66	79	54896	4.979	ng		89
4) n-Nitrosodimethylamine	3.55	42	25055	5.424	ng	#	92
6) Aniline	6.63	93	70897	4.503	ng	#	53
8) 2-Chlorophenol	6.75	128	58502	5.370	ng		96
9) Benzaldehyde	6.52	77	40012	3.907	ng		95
10) Phenol	6.60	94	65793	5.093	ng	#	60
11) bis(2-Chloroethyl)ether	6.69	93	54835	5.159	ng		91
12) 1,3-Dichlorobenzene	6.90	146	62821	5.240	ng		96
13) 1,4-Dichlorobenzene	6.98	146	65171	5.375	ng		98
14) 1,2-Dichlorobenzene	7.13	146	59734	5.307	ng		100
15) Benzyl Alcohol	7.10	79	54689m	5.883	ng		
16) 2,2'-oxybis(1-Chloropropan	7.23	45	90891	5.348	ng		67
17) 2-Methylphenol	7.20	107	46146	5.315	ng	#	82
18) Hexachloroethane	7.47	117	22659	5.104	ng		98
19) n-Nitroso-di-n-propylamine	7.36	70	39548	5.101	ng	#	92
20) 3+4-Methylphenols	7.35	107	60772	5.415	ng	#	86
22) Acetophenone	7.36	105	84632	5.739	ng		96
24) Nitrobenzene	7.54	77	63330	5.685	ng		98
25) Isophorone	7.77	82	111492	6.062	ng		94
26) 2-Nitrophenol	7.86	139	24939	4.705	ng		95
27) 2,4-Dimethylphenol	7.89	122	52764	6.004	ng		95
28) bis(2-Chloroethoxy)methane	7.99	93	69586	5.569	ng		98
29) 2,4-Dichlorophenol	8.09	162	45821	5.161	ng		94
30) 1,2,4-Trichlorobenzene	8.19	180	53150	5.344	ng		91
31) Naphthalene	8.27	128	179456	6.084	ng		98
32) Benzoic acid	7.94	122	19051	2.805	ng	#	80
33) 4-Chloroaniline	8.32	127	56494	4.256	ng		97
34) Hexachlorobutadiene	8.38	225	29058	5.262	ng		99
35) Caprolactam	8.65	113	14652	4.734	ng		94
36) 4-Chloro-3-methylphenol	8.78	107	51360	5.349	ng		94
37) 2-Methylnaphthalene	8.96	142	125039	6.407	ng		97
38) 1-Methylnaphthalene	9.06	142	115551	6.127	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	51449	5.236	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	25136	5.003	ng		97
43) 2,4,6-Trichlorophenol	9.23	196	30664	4.839	ng		97
44) 2,4,5-Trichlorophenol	9.27	196	35851	5.352	ng		92
46) 1,1'-Biphenyl	9.42	154	157634	5.528	ng		98
47) 2-Chloronaphthalene	9.45	162	115251	5.510	ng		97
48) 2-Nitroaniline	9.54	65	32471	5.123	ng		98
49) Acenaphthylene	9.86	152	182398	6.037	ng		98
50) Dimethylphthalate	9.71	163	132855	5.707	ng		100
51) 2,6-Dinitrotoluene	9.78	165	26457	5.277	ng		93
52) Acenaphthene	10.04	154	115884	5.798	ng		98
53) 3-Nitroaniline	9.95	138	27115	4.547	ng		90
54) 2,4-Dinitrophenol	10.06	184	5487	7.754	ng		95
55) Dibenzofuran	10.21	168	164400	5.875	ng		94
56) 4-Nitrophenol	10.10	139	22208	5.032	ng		91
57) 2,4-Dinitrotoluene	10.19	165	33550	5.268	ng	#	81
58) Fluorene	10.55	166	127299	6.112	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	29397	5.384	ng		93
60) Diethylphthalate	10.42	149	127186	5.597	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	61630	5.610	ng		94
62) 4-Nitroaniline	10.56	138	30033	5.064	ng		88
63) Azobenzene	10.70	77	129681	5.750	ng		99
65) 4,6-Dinitro-2-methylphenol	10.59	198	9225	3.306	ng		92
66) n-Nitrosodiphenylamine	10.66	169	111782	5.579	ng		97
67) 4-Bromophenyl-phenylether	11.04	248	36778	5.551	ng		92
68) Hexachlorobenzene	11.10	284	37676	5.359	ng		97
69) Atrazine	11.18	200	35304	5.576	ng		99
70) Pentachlorophenol	11.30	266	12739	3.108	ng		90
71) Phenanthrene	11.52	178	197740	6.187	ng		98
72) Anthracene	11.57	178	202962	6.335	ng		98
73) Carbazole	11.73	167	175998	5.627	ng		97
74) Di-n-butylphthalate	12.05	149	201104	5.693	ng		99
75) Fluoranthene	12.71	202	196772	6.066	ng		100
77) Benzidine	12.83	184	51548m	2.430	ng		
78) Pyrene	12.95	202	203623	5.555	ng		96
80) Butylbenzylphthalate	13.55	149	79324	4.986	ng		95
81) Benzo(a)anthracene	14.13	228	179129	5.908	ng		99
82) 3,3'-Dichlorobenzidine	14.09	252	39696	3.760	ng		96
83) Chrysene	14.17	228	171063	5.940	ng		98
84) Bis(2-ethylhexyl)phthalate	14.10	149	113777	5.290	ng		97
85) Di-n-octyl phthalate	14.72	149	175927	5.261	ng		99
86) Indeno(1,2,3-cd)pyrene	17.21	276	128939	5.397	ng	#	95
88) Benzo(b)fluoranthene	15.21	252	148446	5.802	ng		100
89) Benzo(k)fluoranthene	15.24	252	148262m	5.894	ng		
90) Benzo(a)pyrene	15.59	252	135122	5.739	ng		98
91) Dibenzo(a,h)anthracene	17.23	278	106718	5.253	ng		96
92) Benzo(g,h,i)perylene	17.68	276	103111	5.151	ng		96

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

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