Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102503.D
Acq On : 27 Jan 2018 11:56
Operator : SJ/JU
Sample : J1306-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC1MS

Manual Integrations APPROVED
Sohil
1/29/2018 5:44:22 PM

Quant Time: Jan 27 21:17:08 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	182229	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	758849	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	343625	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	575872	20.00	ng		0.00
75) Chrysene-d12	13.88	240	337281	20.00	ng		0.00
86) Perylene-d12	15.30	264	291417	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1112855	92.60	ng		0.01
7) Phenol-d6	6.37	99	1341820	92.61	ng		0.00
23) Nitrobenzene-d5	7.29	82	855175	64.76	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	257730	75.70	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1246833	53.35	ng		0.00
78) Terphenyl-d14	12.82	244	1063619	71.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	163663	28.661	ng		95
3) Pyridine	3.15	79	449007	30.089	ng		97
4) n-Nitrosodimethylamine	3.10	42	221386	37.842	ng		99
6) Aniline	6.38	93	413308	21.566	ng	#	1
8) 2-Chlorophenol	6.50	128	438578	34.812	ng		99
9) Benzaldehyde	6.26	77	212871	23.142	ng		96
10) Phenol	6.38	94	565327	35.739	ng		79
11) bis(2-Chloroethyl)ether	6.46	93	419756	34.890	ng		98
12) 1,3-Dichlorobenzene	6.65	146	453211	30.248	ng		99
13) 1,4-Dichlorobenzene	6.73	146	458936	30.577	ng		99
14) 1,2-Dichlorobenzene	6.89	146	430761	31.377	ng		97
15) Benzyl Alcohol	6.86	79	348162	34.056	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	659834	32.701	ng		82
17) 2-Methylphenol	6.98	107	361962	33.082	ng	#	94
18) Hexachloroethane	7.22	117	160403	30.669	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	291854	32.915	ng		97
20) 3+4-Methylphenols	7.14	107	449928	34.964	ng		94
22) Acetophenone	7.13	105	601388	33.245	ng		95
24) Nitrobenzene	7.30	77	456184	33.757	ng		97
25) Isophorone	7.54	82	843178	35.817	ng		99
26) 2-Nitrophenol	7.62	139	254219	35.743	ng		97
27) 2,4-Dimethylphenol	7.66	122	393228	38.076	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	539413	37.093	ng		99
29) 2,4-Dichlorophenol	7.86	162	374019	35.554	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	342538	30.375	ng		98
31) Naphthalene	8.02	128	1200922	31.697	ng		99
32) Benzoic acid	7.76	122	52904	6.114	ng		97
33) 4-Chloroaniline	8.07	127	291895	18.321	ng		99
34) Hexachlorobutadiene	8.13	225	174532	28.978	ng		98
35) Caprolactam	8.45	113	121623m	35.006	ng		
36) 4-Chloro-3-methylphenol	8.57	107	396081	35.719	ng		99
37) 2-Methylnaphthalene	8.71	142	809308	32.074	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	317035	30.666	ng		100
40) Hexachlorocyclopentadiene	8.86	237	194312	41.998	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	227864	32.925	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	242078	31.066	ng		97
45) 1,1'-Biphenyl	9.17	154	931388	30.313	ng		99
46) 2-Chloronaphthalene	9.20	162	717989	30.063	ng		100
47) 2-Nitroaniline	9.30	65	248966	33.437	ng		98
48) Acenaphthylene	9.62	152	1098470	29.523	ng		99
49) Dimethylphthalate	9.48	163	1046672	36.851	ng		100
50) 2,6-Dinitrotoluene	9.55	165	201445	32.896	ng		96
51) Acenaphthene	9.79	154	640173	29.460	ng		99
52) 3-Nitroaniline	9.72	138	169515	23.400	ng		94
53) 2,4-Dinitrophenol	9.83	184	98600	37.924	ng	#	18
54) Dibenzofuran	9.96	168	932833	31.719	ng		96
55) 4-Nitrophenol	9.90	139	263062	55.012	ng		95
56) 2,4-Dinitrotoluene	9.96	165	240241	31.902	ng	#	90
57) Fluorene	10.30	166	744477	31.946	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	182198	32.748	ng		98
59) Diethylphthalate	10.17	149	830435	30.088	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	323264	31.995	ng		98
61) 4-Nitroaniline	10.33	138	213085	29.478	ng		92
62) Azobenzene	10.45	77	779333	30.840	ng		98
64) 4,6-Dinitro-2-methylphenol	10.36	198	100824	26.243	ng		94
65) n-Nitrosodiphenylamine	10.42	169	681200	32.228	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	197976	31.935	ng		96
67) Hexachlorobenzene	10.84	284	198944	28.695	ng		97
68) Atrazine	10.94	200	214013	34.282	ng		99
69) Pentachlorophenol	11.05	266	176695	48.515	ng		100
70) Phenanthrene	11.26	178	1042925	31.079	ng		99
71) Anthracene	11.32	178	1067803	31.175	ng		100
72) Carbazole	11.47	167	1007352	30.146	ng		100
73) Di-n-butylphthalate	11.80	149	1265543	30.299	ng		99
74) Fluoranthene	12.45	202	1018964	29.777	ng		99
76) Benzidine	12.57	184	214106	18.896	ng		97
77) Pyrene	12.68	202	1006580	38.600	ng		99
79) Butylbenzylphthalate	13.30	149	487322	37.551	ng		97
80) Benzo(a)anthracene	13.87	228	703526	33.880	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	163807	21.504	ng		97
82) Chrysene	13.90	228	671221	31.831	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	673861	38.638	ng		100
84) Di-n-octyl phthalate	14.46	149	973095	34.309	ng		99
85) Indeno(1,2,3-cd)pyrene	16.70	276	628520	36.091	ng		97
87) Benzo(b)fluoranthene	14.90	252	591370	31.309	ng		98
88) Benzo(k)fluoranthene	14.92	252	518912	29.079	ng		99
89) Benzo(a)pyrene	15.24	252	538146	31.590	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	520543	37.723	ng		98
91) Benzo(g,h,i)perylene	17.13	276	540762	39.688	ng		96

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