Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101916\
Data File : BF090661.D
Acq On : 19 Oct 2016 21:28
Operator : UM/SJ
Sample : H5317-03MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
101816-03MSD

Manual Integrations APPROVED
sohil
10/20/2016 6:40:27 PM

Quant Time: Oct 20 12:00:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 15:13:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	235971	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1068759	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	549288	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	778583	20.00	ng		0.00
75) Chrysene-d12	14.06	240	532635	20.00	ng		0.00
86) Perylene-d12	15.50	264	477081	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1513641	117.59	ng		0.01
7) Phenol-d6	6.53	99	1903480	99.52	ng		0.00
23) Nitrobenzene-d5	7.46	82	1282568	66.66	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	413150	84.37	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1803206	54.09	ng		-0.01
78) Terphenyl-d14	13.00	244	1378220	60.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	203597	27.75	ng		98
3) Pyridine	3.29	79	576380m	35.05	ng		
4) n-Nitrosodimethylamine	3.24	42	227630	40.07	ng		94
6) Aniline	6.55	93	625895	27.08	ng		96
8) 2-Chlorophenol	6.68	128	553469	33.16	ng	#	81
9) Benzaldehyde	6.43	77	121927	10.03	ng		87
10) Phenol	6.54	94	811802	37.11	ng		92
11) bis(2-Chloroethyl)ether	6.62	93	599096	33.19	ng		96
12) 1,3-Dichlorobenzene	6.83	146	547644	32.90	ng		100
13) 1,4-Dichlorobenzene	6.91	146	547704	30.25	ng		99
14) 1,2-Dichlorobenzene	7.06	146	552464	32.64	ng		98
15) Benzyl Alcohol	7.03	79	514121	39.46	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	916645	36.09	ng		90
17) 2-Methylphenol	7.15	107	455214	35.00	ng		98
18) Hexachloroethane	7.40	117	212667	29.73	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	485671	37.03	ng	#	90
20) 3+4-Methylphenols	7.31	107	566623	35.93	ng	#	71
22) Acetophenone	7.30	105	761955	32.27	ng	#	95
24) Nitrobenzene	7.47	77	600347	30.40	ng		99
25) Isophorone	7.71	82	1171489	33.46	ng		100
26) 2-Nitrophenol	7.79	139	234286	26.15	ng		94
27) 2,4-Dimethylphenol	7.83	122	515741	34.70	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	715602	34.61	ng		99
29) 2,4-Dichlorophenol	8.04	162	387033	29.73	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	435233	28.54	ng		99
31) Naphthalene	8.20	128	1636406	30.06	ng		100
32) Benzoic acid	7.91	122	65419	7.17	ng		97
33) 4-Chloroaniline	8.25	127	392444	18.86	ng		99
34) Hexachlorobutadiene	8.31	225	232364	27.27	ng		99
35) Caprolactam	8.61	113	127985	35.22	ng	#	84
36) 4-Chloro-3-methylphenol	8.74	107	488980	32.55	ng		88
37) 2-Methylnaphthalene	8.89	142	930636	29.11	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	440814	30.27	ng		100
40) Hexachlorocyclopentadiene	9.05	237	284721	40.02	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	275600	33.55	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	274295	27.99	ng	#	87
45) 1,1'-Biphenyl	9.35	154	1224139	29.29	ng		99
46) 2-Chloronaphthalene	9.38	162	899655	28.87	ng		99
47) 2-Nitroaniline	9.48	65	351746	31.13	ng		93
48) Acenaphthylene	9.80	152	1402437	28.26	ng		98
49) Dimethylphthalate	9.66	163	1705447	47.85	ng	#	98
50) 2,6-Dinitrotoluene	9.72	165	243615	31.24	ng		90
51) Acenaphthene	9.97	154	873503	26.48	ng		100
52) 3-Nitroaniline	9.89	138	235456	24.06	ng		94
53) 2,4-Dinitrophenol	9.99	184	17394	9.49	ng	#	57
54) Dibenzofuran	10.14	168	1241288	28.61	ng		100
55) 4-Nitrophenol	10.05	139	261987	44.49	ng	#	83
56) 2,4-Dinitrotoluene	10.12	165	292440	27.61	ng	#	84
57) Fluorene	10.49	166	998660	27.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	206247	25.27	ng		94
59) Diethylphthalate	10.36	149	1123422	31.08	ng		94
60) 4-Chlorophenyl-phenylether	10.47	204	486759	28.85	ng		98
61) 4-Nitroaniline	10.51	138	237400	24.19	ng		97
62) Azobenzene	10.63	77	1349449	32.28	ng		99
64) 4,6-Dinitro-2-methylphenol	10.53	198	22516	4.78	ng	#	76
65) n-Nitrosodiphenylamine	10.59	169	804184	31.27	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	248667	29.77	ng		97
67) Hexachlorobenzene	11.03	284	277617	30.61	ng	#	66
68) Atrazine	11.13	200	238698	33.56	ng		92
69) Pentachlorophenol	11.23	266	227931	50.70	ng		97
70) Phenanthrene	11.45	178	1326219	31.91	ng		99
71) Anthracene	11.49	178	1289624	28.83	ng		100
72) Carbazole	11.65	167	1165234	29.10	ng		100
73) Di-n-butylphthalate	11.98	149	1633366	34.82	ng		99
74) Fluoranthene	12.64	202	1097168	26.25	ng		98
76) Benzidine	12.76	184	467668	35.29	ng		95
77) Pyrene	12.86	202	1063583	30.15	ng		100
79) Butylbenzylphthalate	13.48	149	610816	39.08	ng		98
80) Benzo(a)anthracene	14.05	228	909423	29.99	ng		98
81) 3,3'-Dichlorobenzidine	14.02	252	282855	27.30	ng		98
82) Chrysene	14.09	228	940243	32.18	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	832446	39.48	ng		98
84) Di-n-octyl phthalate	14.65	149	1165261	41.22	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	842261	49.86	ng		97
87) Benzo(b)fluoranthene	15.09	252	880521	28.20	ng	#	96
88) Benzo(k)fluoranthene	15.12	252	806089m	24.00	ng		
89) Benzo(a)pyrene	15.45	252	810734	28.37	ng		99
90) Dibenzo(a,h)anthracene	16.96	278	736492	33.79	ng		99
91) Benzo(g,h,i)perylene	17.38	276	651556	31.35	ng		99

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

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