Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083819.D
Acq On : 15 Dec 2015 15:35
Operator : UM/IZ
Sample : G4739-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K206-0-2MS

Quant Time: Dec 16 10:44:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	99760	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	399296	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	166325	20.00	ng		-0.02
63) Phenanthrene-d10	11.43	188	254321	20.00	ng		-0.02
75) Chrysene-d12	14.08	240	193000	20.00	ng		0.00
86) Perylene-d12	15.52	264	170240	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	724880	117.22	ng		-0.01
7) Phenol-d6	6.54	99	978472	124.95	ng		0.00
23) Nitrobenzene-d5	7.47	82	640361	89.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	209608	123.68	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	878797	74.63	ng		-0.02
78) Terphenyl-d14	13.01	244	643492	71.72	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	91371	30.56	ng	#	81
3) Pyridine	3.31	79	260750	34.66	ng	#	83
4) n-Nitrosodimethylamine	3.24	42	115990	40.75	ng	#	64
6) Aniline	6.61	93	152520m	14.34	ng		
8) 2-Chlorophenol	6.69	128	310906	42.79	ng	#	81
9) Benzaldehyde	6.44	77	156563	37.23	ng		94
10) Phenol	6.56	94	406636	45.11	ng	#	74
11) bis(2-Chloroethyl)ether	6.64	93	267892m	41.04	ng		
12) 1,3-Dichlorobenzene	6.84	146	292229	37.89	ng		97
13) 1,4-Dichlorobenzene	6.92	146	320755	41.16	ng		99
14) 1,2-Dichlorobenzene	7.08	146	272854	38.96	ng		94
15) Benzyl Alcohol	7.05	79	284879	49.52	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	290480	34.27	ng		71
17) 2-Methylphenol	7.16	107	239625	41.01	ng	#	85
18) Hexachloroethane	7.42	117	108560	39.23	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	189902	39.60	ng		89
20) 3+4-Methylphenols	7.31	107	278292	40.35	ng	#	62
22) Acetophenone	7.31	105	381136	38.91	ng	#	96
24) Nitrobenzene	7.48	77	266379	35.86	ng		92
25) Isophorone	7.73	82	532981	38.06	ng	#	87
26) 2-Nitrophenol	7.80	139	147767	41.41	ng	#	84
27) 2,4-Dimethylphenol	7.85	122	285733	40.75	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	349874	43.79	ng	#	98
29) 2,4-Dichlorophenol	8.04	162	231787	40.27	ng		93
30) 1,2,4-Trichlorobenzene	8.13	180	244311	40.93	ng		97
31) Naphthalene	8.21	128	1013180	48.68	ng		98
32) Benzoic acid	7.90	122	21042	4.82	ng		92
33) 4-Chloroaniline	8.26	127	93783	11.03	ng	#	87
34) Hexachlorobutadiene	8.34	225	131137	40.03	ng		97
35) Caprolactam	8.62	113	79743	43.14	ng	#	59
36) 4-Chloro-3-methylphenol	8.74	107	247575	36.77	ng		96
37) 2-Methylnaphthalene	8.90	142	614770	47.05	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	224409	45.74	ng	#	100
40) Hexachlorocyclopentadiene	9.06	237	36548	14.70	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	159075	44.29	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	149579m	43.91	ng		
45) 1,1'-Biphenyl	9.37	154	638217	43.30	ng		97
46) 2-Chloronaphthalene	9.39	162	453076	41.64	ng	#	93
47) 2-Nitroaniline	9.48	65	134385	43.55	ng	#	75
48) Acenaphthylene	9.81	152	1414824	77.28	ng		98
49) Dimethylphthalate	9.66	163	779464	60.11	ng		99
50) 2,6-Dinitrotoluene	9.72	165	114201	41.50	ng		97
51) Acenaphthene	9.97	154	440028	39.76	ng		99
52) 3-Nitroaniline	9.89	138	67596	21.30	ng	#	62
53) 2,4-Dinitrophenol	10.00	184	34028	33.33	ng	#	80
54) Dibenzofuran	10.14	168	635456	43.33	ng	#	89
55) 4-Nitrophenol	10.05	139	168784	71.84	ng		86
56) 2,4-Dinitrotoluene	10.13	165	161145	44.82	ng	#	54
57) Fluorene	10.49	166	458547m	39.71	ng		
58) 2,3,4,6-Tetrachlorophenol	10.27	232	118509	46.38	ng	#	100
59) Diethylphthalate	10.36	149	520694	39.66	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	213609	40.57	ng		97
61) 4-Nitroaniline	10.50	138	82603	29.54	ng		95
62) Azobenzene	10.64	77	458476	38.31	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	36607	25.30	ng		87
65) n-Nitrosodiphenylamine	10.60	169	450083	51.75	ng		97
66) 4-Bromophenyl-phenylether	10.97	248	121659	42.78	ng	#	76
67) Hexachlorobenzene	11.05	284	130399	42.38	ng	#	82
68) Atrazine	11.13	200	112744	45.56	ng		95
69) Pentachlorophenol	11.24	266	134744	77.64	ng		97
70) Phenanthrene	11.46	178	1630732	120.70	ng		97
71) Anthracene	11.51	178	903819	64.41	ng		99
72) Carbazole	11.65	167	550499	42.11	ng	#	96
73) Di-n-butylphthalate	12.00	149	703302	44.30	ng		99
74) Fluoranthene	12.65	202	2428478	173.96	ng		96
77) Pyrene	12.89	202	2892539	189.62	ng		95
79) Butylbenzylphthalate	13.48	149	254559	38.88	ng	#	91
80) Benzo(a)anthracene	14.07	228	1606203m	146.36	ng		
81) 3,3'-Dichlorobenzidine	14.03	252	22995	5.81	ng	#	96
82) Chrysene	14.10	228	1584215	148.00	ng		98
83) Bis(2-ethylhexyl)phthalate	14.05	149	319907	42.93	ng		99
84) Di-n-octyl phthalate	14.66	149	615131	51.95	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.97	276	834013	79.33	ng	#	100
87) Benzo(b)fluoranthene	15.12	252	1510480m	139.08	ng		
88) Benzo(k)fluoranthene	15.12	252	844340m	85.80	ng		
89) Benzo(a)pyrene	15.46	252	981666	101.29	ng		98
90) Dibenzo(a,h)anthracene	16.97	278	415943m	43.16	ng		
91) Benzo(g,h,i)perylene	17.40	276	746638	75.37	ng		98

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

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