Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082883.D
Acq On : 10 Nov 2015 21:44
Operator : UM/IZ
Sample : G4325-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9862-AMSD

Quant Time: Nov 13 18:17:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	238982	20.00	ng		-0.03
21) Naphthalene-d8	8.11	136	917211	20.00	ng		-0.03
38) Acenaphthene-d10	9.86	164	475684	20.00	ng		-0.03
63) Phenanthrene-d10	11.34	188	914157	20.00	ng		-0.03
75) Chrysene-d12	13.99	240	736845	20.00	ng		-0.03
86) Perylene-d12	15.40	264	653756	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1633292	106.34	ng		-0.01
7) Phenol-d6	6.46	99	2099568	102.82	ng		-0.01
23) Nitrobenzene-d5	7.38	82	1616931	76.71	ng		-0.03
41) 2,4,6-Tribromophenol	10.66	330	603775	110.70	ng		-0.02
44) 2-Fluorobiphenyl	9.18	172	2299893	69.30	ng		-0.03
78) Terphenyl-d14	12.93	244	2480682	79.85	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	255416	38.54	ng	#	82
3) Pyridine	3.24	79	451961	23.50	ng		91
4) n-Nitrosodimethylamine	3.16	42	329125	34.51	ng	#	70
6) Aniline	6.48	93	221802	7.74	ng	#	1
8) 2-Chlorophenol	6.61	128	629558	36.97	ng		99
9) Benzaldehyde	6.36	77	26124m	2.32	ng		
10) Phenol	6.48	94	746283	32.21	ng		92
11) bis(2-Chloroethyl)ether	6.56	93	679474	39.22	ng		93
12) 1,3-Dichlorobenzene	6.76	146	710340m	36.99	ng		
13) 1,4-Dichlorobenzene	6.83	146	655426	32.80	ng		99
14) 1,2-Dichlorobenzene	6.99	146	668727	36.80	ng		99
15) Benzyl Alcohol	6.97	79	687776	38.35	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1036278	40.77	ng		95
17) 2-Methylphenol	7.08	107	548480	38.03	ng		98
18) Hexachloroethane	7.33	117	252809	35.38	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	509868	33.97	ng		88
20) 3+4-Methylphenols	7.24	107	709621	37.85	ng	#	68
22) Acetophenone	7.23	105	937653	35.68	ng	#	95
24) Nitrobenzene	7.40	77	787816	36.55	ng		93
25) Isophorone	7.64	82	1447993	37.13	ng		97
26) 2-Nitrophenol	7.72	139	373825	41.55	ng	#	65
27) 2,4-Dimethylphenol	7.77	122	635388	39.30	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	864236	39.28	ng		98
29) 2,4-Dichlorophenol	7.97	162	573833	39.27	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	605094	36.82	ng	#	94
31) Naphthalene	8.12	128	1791027	35.39	ng		99
32) Benzoic acid	7.90	122	458717	41.44	ng		87
33) 4-Chloroaniline	8.18	127	85371	3.91	ng	#	85
34) Hexachlorobutadiene	8.25	225	349541	33.99	ng		99
35) Caprolactam	8.54	113	204891m	44.48	ng		
36) 4-Chloro-3-methylphenol	8.67	107	672535	39.14	ng		87
37) 2-Methylnaphthalene	8.82	142	1216861	37.17	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	612647	39.19	ng		99
40) Hexachlorocyclopentadiene	8.98	237	553686	65.93	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	474556	40.67	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	432116	37.44	ng	#	88
45) 1,1'-Biphenyl	9.29	154	1584030	38.81	ng		98
46) 2-Chloronaphthalene	9.31	162	1268260	39.83	ng		99
47) 2-Nitroaniline	9.40	65	426843	36.14	ng	#	82
48) Acenaphthylene	9.72	152	1806017	36.19	ng		99
49) Dimethylphthalate	9.60	163	1603669	41.15	ng	#	98
50) 2,6-Dinitrotoluene	9.64	165	333174	40.07	ng		93
51) Acenaphthene	9.89	154	1295866	40.98	ng		99
52) 3-Nitroaniline	9.81	138	119627	13.08	ng	#	65
53) 2,4-Dinitrophenol	9.92	184	394132	86.32	ng	#	29
54) Dibenzofuran	10.06	168	1584643	37.17	ng		94
55) 4-Nitrophenol	9.98	139	454631	64.80	ng		83
56) 2,4-Dinitrotoluene	10.05	165	479503	42.50	ng		90
57) Fluorene	10.41	166	1225507	35.49	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.19	232	396041	42.05	ng	#	87
59) Diethylphthalate	10.29	149	1489764	39.15	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	646529	37.42	ng		95
61) 4-Nitroaniline	10.43	138	311250	33.84	ng	#	76
62) Azobenzene	10.57	77	1736317	42.48	ng		94
64) 4,6-Dinitro-2-methylphenol	10.46	198	280102	43.01	ng		77
65) n-Nitrosodiphenylamine	10.52	169	1107078	33.52	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	393868	35.78	ng	#	72
67) Hexachlorobenzene	10.96	284	427430	34.78	ng	#	85
68) Atrazine	11.06	200	388924	38.08	ng		91
69) Pentachlorophenol	11.15	266	494270	66.22	ng		98
70) Phenanthrene	11.37	178	1888498	35.57	ng		99
71) Anthracene	11.42	178	2129013	38.07	ng		99
72) Carbazole	11.57	167	1798925	36.75	ng		99
73) Di-n-butylphthalate	11.92	149	2471288	40.52	ng		98
74) Fluoranthene	12.56	202	2185816	38.37	ng		98
76) Benzidine	12.67	184	393215	15.92	ng		98
77) Pyrene	12.79	202	2235559	44.18	ng		100
79) Butylbenzylphthalate	13.41	149	1139038	50.95	ng	#	76
80) Benzo(a)anthracene	13.97	228	1812029	39.33	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	347643	21.22	ng	#	97
82) Chrysene	14.01	228	1599221	37.89	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	1351767	44.18	ng		99
84) Di-n-octyl phthalate	14.59	149	2521621	49.41	ng		98
85) Indeno(1,2,3-cd)pyrene	16.77	276	1569508	43.18	ng	#	96
87) Benzo(b)fluoranthene	15.00	252	1729961m	41.22	ng		
88) Benzo(k)fluoranthene	15.03	252	1257140m	33.77	ng		
89) Benzo(a)pyrene	15.35	252	1428551	39.29	ng		98
90) Dibenzo(a,h)anthracene	16.80	278	1315052	42.71	ng	#	98
91) Benzo(g,h,i)perylene	17.20	276	1294277	43.89	ng	#	96

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

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