Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084952.D
Acq On : 9 Feb 2016 15:18
Operator : SJ/IZ
Sample : H1377-12MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB03-2-3MSD

Manual Integrations APPROVED
Sohil
2/10/2016 1:44:55 PM

Quant Time: Feb 10 04:03:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	34117	20.00	ng		-0.05
21) Naphthalene-d8	7.93	136	142074	20.00	ng		-0.05
38) Acenaphthene-d10	9.66	164	63042	20.00	ng		-0.07
63) Phenanthrene-d10	11.14	188	101147	20.00	ng		-0.07
75) Chrysene-d12	13.77	240	85021	20.00	ng		-0.07
86) Perylene-d12	15.13	264	71510	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	228732m	104.43	ng		-0.05
7) Phenol-d6	6.29	99	444473	163.68	ng		-0.05
23) Nitrobenzene-d5	7.21	82	263911	104.64	ng		-0.06
41) 2,4,6-Tribromophenol	10.45	330	92564	140.76	ng		-0.07
44) 2-Fluorobiphenyl	9.00	172	418728	149.03	ng		-0.06
78) Terphenyl-d14	12.73	244	354047	94.36	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	32237m	33.60	ng		
3) Pyridine	2.85	79	81189m	32.48	ng		
4) n-Nitrosodimethylamine	2.75	42	44733m	34.60	ng		
6) Aniline	6.30	93	105597	31.78	ng	#	43
8) 2-Chlorophenol	6.42	128	122482	49.40	ng		92
9) Benzaldehyde	6.19	77	31748	19.80	ng		90
10) Phenol	6.30	94	159551	52.45	ng		93
11) bis(2-Chloroethyl)ether	6.37	93	123620	52.11	ng		83
12) 1,3-Dichlorobenzene	6.58	146	133024	50.78	ng		99
13) 1,4-Dichlorobenzene	6.66	146	134734m	51.45	ng		
14) 1,2-Dichlorobenzene	6.81	146	122000	50.02	ng		98
15) Benzyl Alcohol	6.78	79	109007	58.14	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.93	45	202407	50.72	ng		86
17) 2-Methylphenol	6.91	107	99570	50.78	ng		95
18) Hexachloroethane	7.15	117	49698	49.28	ng		92
19) n-Nitroso-di-n-propylamine	7.06	70	87225	51.24	ng	#	77
20) 3+4-Methylphenols	7.07	107	129283	53.12	ng		90
22) Acetophenone	7.06	105	176397	47.11	ng	#	90
24) Nitrobenzene	7.22	77	124438	46.07	ng		92
25) Isophorone	7.47	82	229271	46.75	ng		95
26) 2-Nitrophenol	7.54	139	59414	44.60	ng	#	71
27) 2,4-Dimethylphenol	7.60	122	114292	49.33	ng		92
28) bis(2-Chloroethoxy)methane	7.69	93	150935	51.88	ng		99
29) 2,4-Dichlorophenol	7.79	162	107024	53.99	ng		97
30) 1,2,4-Trichlorobenzene	7.87	180	111587	49.84	ng	#	92
31) Naphthalene	7.94	128	334006	46.87	ng		98
32) Benzoic acid	7.68	122	21414	14.45	ng		96
33) 4-Chloroaniline	8.01	127	81122	27.52	ng	#	90
34) Hexachlorobutadiene	8.06	225	60949	47.21	ng		98
35) Caprolactam	8.35	113	26237	42.94	ng	#	65
36) 4-Chloro-3-methylphenol	8.49	107	99643	44.06	ng	#	86
37) 2-Methylnaphthalene	8.64	142	241504	54.15	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	94374	47.14	ng		99
40) Hexachlorocyclopentadiene	8.78	237	49324	61.65	ng		95

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	63515	49.24	ng		90
43) 2,4,5-Trichlorophenol	8.96	196	62467	47.66	ng	#	77
45) 1,1'-Biphenyl	9.09	154	259971	46.17	ng		98
46) 2-Chloronaphthalene	9.12	162	209878	50.61	ng		95
47) 2-Nitroaniline	9.22	65	64587	49.19	ng		99
48) Acenaphthylene	9.53	152	316714	50.33	ng		98
49) Dimethylphthalate	9.40	163	304083	63.33	ng	#	90
50) 2,6-Dinitrotoluene	9.47	165	45740	43.61	ng	#	86
51) Acenaphthene	9.70	154	200983	49.09	ng		97
52) 3-Nitroaniline	9.63	138	42676	36.21	ng		86
53) 2,4-Dinitrophenol	9.74	184	18092	40.46	ng	#	79
54) Dibenzofuran	9.87	168	278035	55.57	ng		92
55) 4-Nitrophenol	9.81	139	58657	67.71	ng		89
56) 2,4-Dinitrotoluene	9.87	165	60184	44.98	ng	#	86
57) Fluorene	10.21	166	225359	53.94	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.00	232	50463	50.58	ng	#	90
59) Diethylphthalate	10.10	149	218176	46.53	ng		98
60) 4-Chlorophenyl-phenylether	10.21	204	110765	66.59	ng		93
61) 4-Nitroaniline	10.24	138	48685	42.39	ng		92
62) Azobenzene	10.37	77	227975	50.57	ng		96
64) 4,6-Dinitro-2-methylphenol	10.27	198	18429	29.52	ng	#	62
65) n-Nitrosodiphenylamine	10.33	169	177458	55.25	ng		97
66) 4-Bromophenyl-phenylether	10.69	248	55358	49.55	ng	#	68
67) Hexachlorobenzene	10.76	284	66790	54.87	ng	#	89
68) Atrazine	10.86	200	54155	53.39	ng		95
69) Pentachlorophenol	10.96	266	26553	46.41	ng		95
70) Phenanthrene	11.16	178	289442	51.59	ng		99
71) Anthracene	11.22	178	306492	54.22	ng		99
72) Carbazole	11.38	167	264603	53.68	ng		98
73) Di-n-butylphthalate	11.72	149	317370	50.57	ng		99
74) Fluoranthene	12.35	202	292008	51.43	ng		94
76) Benzidine	12.48	184	55090	20.09	ng		96
77) Pyrene	12.58	202	285160	43.81	ng		98
79) Butylbenzylphthalate	13.21	149	116367	39.41	ng		92
80) Benzo(a)anthracene	13.76	228	237639	45.03	ng		98
81) 3,3'-Dichlorobenzidine	13.73	252	48150	25.77	ng	#	92
82) Chrysene	13.79	228	216911	42.39	ng		98
83) Bis(2-ethylhexyl)phthalate	13.78	149	164203	44.68	ng	#	94
84) Di-n-octyl phthalate	14.39	149	285049	47.02	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.39	276	200601	49.80	ng		98
87) Benzo(b)fluoranthene	14.76	252	227872m	47.43	ng		
88) Benzo(k)fluoranthene	14.79	252	209673m	52.78	ng		
89) Benzo(a)pyrene	15.08	252	206690	50.49	ng		99
90) Dibenzo(a,h)anthracene	16.40	278	168628	48.93	ng	#	95
91) Benzo(g,h,i)perylene	16.76	276	163190	47.01	ng	#	94

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

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