Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084271.D
Acq On : 5 Jan 2016 7:49
Operator : UM/SJ
Sample : G4987-02MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITEMSD

Manual Integrations APPROVED
Sohil
1/5/2016 4:07:33 PM

Quant Time: Jan 05 09:52:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	258562	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1072620	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	498143	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	823380	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	526682	20.00	ng		-0.01
86) Perylene-d12	15.49	264	518006	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	2101472	131.46	ng		0.04
7) Phenol-d6	6.54	99	2250003	112.07	ng		0.01
23) Nitrobenzene-d5	7.46	82	1675747	86.95	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	583316	115.99	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	2881233	103.10	ng		-0.01
78) Terphenyl-d14	13.00	244	2024234	85.79	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	299083	39.50	ng	#	65
3) Pyridine	3.41	79	662860	31.40	ng	#	75
4) n-Nitrosodimethylamine	3.34	42	473418	43.68	ng		81
6) Aniline	6.56	93	250361	8.52	ng	#	1
8) 2-Chlorophenol	6.68	128	806748	44.48	ng		85
9) Benzaldehyde	6.44	77	270701	20.71	ng		96
10) Phenol	6.56	94	833019	36.49	ng		96
11) bis(2-Chloroethyl)ether	6.64	93	859182	48.59	ng		87
12) 1,3-Dichlorobenzene	6.83	146	827486m	44.23	ng		
13) 1,4-Dichlorobenzene	6.91	146	875930	46.69	ng		96
14) 1,2-Dichlorobenzene	7.07	146	768698	42.78	ng		94
15) Benzyl Alcohol	7.05	79	751952	44.52	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1343271	41.72	ng		91
17) 2-Methylphenol	7.16	107	677740	44.59	ng	#	93
18) Hexachloroethane	7.40	117	331659	44.21	ng		93
19) n-Nitroso-di-n-propylamine	7.31	70	580326	42.70	ng	#	68
20) 3+4-Methylphenols	7.31	107	800434	44.80	ng	#	48
22) Acetophenone	7.31	105	1185583	45.97	ng	#	92
24) Nitrobenzene	7.48	77	990180	50.66	ng		97
25) Isophorone	7.72	82	1645575	44.64	ng		100
26) 2-Nitrophenol	7.79	139	431017	48.45	ng	#	76
27) 2,4-Dimethylphenol	7.85	122	797870	44.31	ng		88
28) bis(2-Chloroethoxy)methane	7.93	93	990684	44.00	ng		99
29) 2,4-Dichlorophenol	8.04	162	686437	45.76	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	762389	49.23	ng	#	96
31) Naphthalene	8.20	128	2470501	50.77	ng		98
32) Benzoic acid	7.95	122	314235	29.84	ng		93
33) 4-Chloroaniline	8.25	127	139105	6.24	ng		97
34) Hexachlorobutadiene	8.32	225	403068	45.28	ng		98
35) Caprolactam	8.64	113	191878m	37.95	ng		
36) 4-Chloro-3-methylphenol	8.75	107	805581	47.95	ng		100
37) 2-Methylnaphthalene	8.90	142	1635055	46.80	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	677493	47.31	ng		97
40) Hexachlorocyclopentadiene	9.05	237	660441	76.40	ng		98

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Quant Time: Jan 05 09:52:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	451756	42.16	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	449494	43.76	ng	#	86
45) 1,1'-Biphenyl	9.36	154	1734164	43.80	ng		99
46) 2-Chloronaphthalene	9.38	162	1386844	44.60	ng		97
47) 2-Nitroaniline	9.48	65	503083	49.01	ng		95
48) Acenaphthylene	9.80	152	2263624	49.27	ng		96
49) Dimethylphthalate	9.66	163	1672487	46.96	ng	#	89
50) 2,6-Dinitrotoluene	9.72	165	346685	44.39	ng	#	49
51) Acenaphthene	9.97	154	1627488	52.81	ng		98
52) 3-Nitroaniline	9.89	138	88921	9.19	ng	#	73
53) 2,4-Dinitrophenol	10.00	184	200535	61.15	ng		95
54) Dibenzofuran	10.14	168	2057578	52.01	ng		93
55) 4-Nitrophenol	10.06	139	453366	64.53	ng	#	73
56) 2,4-Dinitrotoluene	10.12	165	461242	46.66	ng	#	80
57) Fluorene	10.49	166	1590156	51.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	360585	41.12	ng		93
59) Diethylphthalate	10.36	149	1585819	45.16	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	669212	52.75	ng		93
61) 4-Nitroaniline	10.51	138	365909	42.41	ng		92
62) Azobenzene	10.64	77	1809949	47.00	ng		90
64) 4,6-Dinitro-2-methylphenol	10.53	198	176899	35.28	ng		94
65) n-Nitrosodiphenylamine	10.60	169	1386169	52.65	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	468074	52.82	ng	#	88
67) Hexachlorobenzene	11.02	284	480571	48.18	ng	#	75
68) Atrazine	11.13	200	402961	46.77	ng		98
69) Pentachlorophenol	11.23	266	387794	74.98	ng		99
70) Phenanthrene	11.45	178	2273876	52.80	ng		97
71) Anthracene	11.49	178	1964419	46.53	ng		97
72) Carbazole	11.65	167	1744562	42.27	ng		97
73) Di-n-butylphthalate	11.99	149	2254760	54.02	ng	#	95
74) Fluoranthene	12.63	202	1932056	42.94	ng		97
76) Benzidine	12.75	184	461652	24.45	ng		98
77) Pyrene	12.85	202	1810612	43.81	ng		98
79) Butylbenzylphthalate	13.48	149	847038	47.36	ng		98
80) Benzo(a)anthracene	14.04	228	1343558	43.45	ng		98
81) 3,3'-Dichlorobenzidine	14.01	252	238109	22.06	ng	#	96
82) Chrysene	14.08	228	1237207	41.63	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	944266	41.79	ng	#	95
84) Di-n-octyl phthalate	14.65	149	1536904	40.29	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.91	276	1512694	64.22	ng		99
87) Benzo(b)fluoranthene	15.08	252	1572042	46.39	ng		99
88) Benzo(k)fluoranthene	15.11	252	1272761m	45.93	ng		
89) Benzo(a)pyrene	15.44	252	1441325	50.15	ng		98
90) Dibenzo(a,h)anthracene	16.93	278	1226048	49.57	ng		97
91) Benzo(g,h,i)perylene	17.35	276	1195746	46.69	ng		97

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

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