Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086381.D
Acq On : 23 Apr 2016 10:13
Operator : UM/SJ
Sample : H2640-29MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-CMSD

Manual Integrations APPROVED
sohil
4/25/2016 12:36:54 PM

Quant Time: Apr 25 11:35:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	162816	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	679438	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	334149	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	628182	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	425394	20.00	ng		0.00
86) Perylene-d12	15.40	264	377322	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1303580	138.27	ng		0.02
7) Phenol-d6	6.49	99	1811969	141.37	ng		0.01
23) Nitrobenzene-d5	7.41	82	1142942	99.65	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	405458	134.04	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1860326	95.01	ng		0.00
78) Terphenyl-d14	12.95	244	1645868	96.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	194138	37.24	ng		97
3) Pyridine	3.20	79	488425	39.32	ng		93
4) n-Nitrosodimethylamine	3.14	42	220887	46.87	ng		97
6) Aniline	6.51	93	352744	22.55	ng		94
8) 2-Chlorophenol	6.62	128	515068	44.75	ng		94
9) Benzaldehyde	6.38	77	106425	13.67	ng		92
10) Phenol	6.50	94	682252	45.08	ng		95
11) bis(2-Chloroethyl)ether	6.58	93	520173	39.48	ng		98
12) 1,3-Dichlorobenzene	6.78	146	568622	46.32	ng		97
13) 1,4-Dichlorobenzene	6.86	146	579364	42.97	ng		99
14) 1,2-Dichlorobenzene	7.01	146	535933	43.74	ng		98
15) Benzyl Alcohol	6.99	79	421552	55.42	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	698780	40.46	ng		99
17) 2-Methylphenol	7.10	107	456874	48.44	ng		97
18) Hexachloroethane	7.36	117	202963	44.69	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	360262	47.03	ng		94
20) 3+4-Methylphenols	7.25	107	481108	48.12	ng	#	90
22) Acetophenone	7.25	105	690222	48.42	ng		97
24) Nitrobenzene	7.42	77	525865	42.74	ng		97
25) Isophorone	7.66	82	972815	43.28	ng		99
26) 2-Nitrophenol	7.74	139	309445	50.91	ng		98
27) 2,4-Dimethylphenol	7.79	122	533550	51.26	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	635811	50.66	ng		99
29) 2,4-Dichlorophenol	7.98	162	455826	52.98	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	454991	48.68	ng		96
31) Naphthalene	8.14	128	1564253	45.19	ng		99
33) 4-Chloroaniline	8.20	127	152474	11.31	ng		98
34) Hexachlorobutadiene	8.27	225	229141	49.10	ng		98
35) Caprolactam	8.57	113	147392m	47.74	ng		
36) 4-Chloro-3-methylphenol	8.69	107	516390	50.50	ng		90
37) 2-Methylnaphthalene	8.84	142	1024099	51.30	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	374015	43.26	ng		99
40) Hexachlorocyclopentadiene	8.99	237	383434	90.81	ng		95
42) 2,4,6-Trichlorophenol	9.12	196	283205	49.96	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	329210	47.17	ng	#	93
45) 1,1'-Biphenyl	9.31	154	1211408	46.73	ng		99
46) 2-Chloronaphthalene	9.33	162	966675	47.11	ng		98
47) 2-Nitroaniline	9.42	65	322167	50.42	ng		98
48) Acenaphthylene	9.74	152	1561341	46.93	ng		99
49) Dimethylphthalate	9.61	163	1223153	50.67	ng		99
50) 2,6-Dinitrotoluene	9.66	165	241945	46.40	ng		98
51) Acenaphthene	9.92	154	948638	46.42	ng		99
52) 3-Nitroaniline	9.84	138	187269	28.69	ng		97
53) 2,4-Dinitrophenol	9.94	184	71945	26.54	ng		92
54) Dibenzofuran	10.09	168	1350630	51.46	ng		100
55) 4-Nitrophenol	10.01	139	450972	98.73	ng		96
56) 2,4-Dinitrotoluene	10.08	165	343483	49.61	ng	#	73
57) Fluorene	10.43	166	1011174	47.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	263487	51.65	ng		98
59) Diethylphthalate	10.30	149	1029819	44.55	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	408351	43.41	ng		99
61) 4-Nitroaniline	10.45	138	313741	46.96	ng		94
62) Azobenzene	10.58	77	1160472	48.41	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	125990	32.82	ng		94
65) n-Nitrosodiphenylamine	10.54	169	939190	48.49	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	283844	46.15	ng		93
67) Hexachlorobenzene	10.97	284	292754	44.61	ng	#	60
68) Atrazine	11.07	200	278600	46.58	ng		97
69) Pentachlorophenol	11.16	266	310118	80.47	ng		97
70) Phenanthrene	11.39	178	1485449	47.06	ng		100
71) Anthracene	11.44	178	1580854	43.71	ng		100
72) Carbazole	11.60	167	1626541	47.88	ng		99
73) Di-n-butylphthalate	11.93	149	1655562	46.33	ng		100
74) Fluoranthene	12.57	202	1491480	43.81	ng		98
76) Benzidine	12.69	184	570580	32.71	ng		97
77) Pyrene	12.80	202	1508606	50.85	ng		99
79) Butylbenzylphthalate	13.43	149	735872	53.24	ng		91
80) Benzo(a)anthracene	13.99	228	1030683	46.67	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	156032	10.24	ng	#	97
82) Chrysene	14.02	228	1250006	50.24	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	844448	54.57	ng	#	98
84) Di-n-octyl phthalate	14.59	149	1517182	51.07	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	1088924	49.23	ng		99
87) Benzo(b)fluoranthene	15.00	252	957973	46.25	ng		98
88) Benzo(k)fluoranthene	15.04	252	1113848m	54.79	ng		
89) Benzo(a)pyrene	15.35	252	1001461	49.02	ng	#	95
90) Dibenzo(a,h)anthracene	16.81	278	898218	53.29	ng		95
91) Benzo(g,h,i)perylene	17.20	276	916550	52.68	ng		99

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

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