Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079602.D
Acq On : 30 May 2015 14:51
Operator : TP/IZ
Sample : G2416-18MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)MSD

Manual Integrations APPROVED
apatel
6/1/2015 8:46:13 PM

Quant Time: May 31 06:51:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 17:35:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	64633	20.00	ng		-0.02
21) Naphthalene-d8	8.51	136	261602	20.00	ng		-0.02
38) Acenaphthene-d10	10.67	164	122227	20.00	ng		-0.03
63) Phenanthrene-d10	12.51	188	221828	20.00	ng		-0.02
75) Chrysene-d12	15.79	240	226385	20.00	ng		-0.05
86) Perylene-d12	17.53	264	239770	20.00	ng		-0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	449126	120.53	ng		-0.02
7) Phenol-d6	6.54	99	599543	126.23	ng		-0.02
23) Nitrobenzene-d5	7.63	82	323886	71.57	ng		-0.03
41) 2,4,6-Tribromophenol	11.66	330	163856	122.05	ng		-0.03
44) 2-Fluorobiphenyl	9.86	172	700418	81.76	ng		-0.02
78) Terphenyl-d14	14.50	244	726119	75.27	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	59880	33.78	ng	#	100
3) Pyridine	2.40	79	101945	26.12	ng		98
4) n-Nitrosodimethylamine	2.32	42	67797	35.27	ng		100
6) Aniline	6.52	93	145677	21.61	ng		98
8) 2-Chlorophenol	6.67	128	162037	37.35	ng		93
9) Benzaldehyde	6.39	77	17103	4.37	ng		90
10) Phenol	6.55	94	212638	38.02	ng		97
11) bis(2-Chloroethyl)ether	6.64	93	163395	40.39	ng		100
12) 1,3-Dichlorobenzene	6.86	146	171784	35.74	ng		93
13) 1,4-Dichlorobenzene	6.96	146	173627	35.42	ng		97
14) 1,2-Dichlorobenzene	7.14	146	167328	36.75	ng		96
15) Benzyl Alcohol	7.14	79	137561	39.41	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.31	45	221420	37.39	ng		95
17) 2-Methylphenol	7.30	107	124635	36.57	ng		96
18) Hexachloroethane	7.55	117	60365	35.77	ng	#	81
19) n-Nitroso-di-n-propylamine	7.46	70	116699	34.92	ng		99
20) 3+4-Methylphenols	7.50	107	173921	37.14	ng		97
22) Acetophenone	7.45	105	239637	40.89	ng	#	98
24) Nitrobenzene	7.66	77	166954	37.43	ng		94
25) Isophorone	7.96	82	307408	37.27	ng		100
26) 2-Nitrophenol	8.06	139	84083	39.82	ng		96
27) 2,4-Dimethylphenol	8.14	122	140921	37.12	ng		98
28) bis(2-Chloroethoxy)methane	8.25	93	201393	39.39	ng		98
29) 2,4-Dichlorophenol	8.36	162	138522	39.84	ng		99
30) 1,2,4-Trichlorobenzene	8.44	180	140450	38.94	ng		98
31) Naphthalene	8.54	128	492764	39.25	ng		99
32) Benzoic acid	8.26	122	42671	18.11	ng		98
33) 4-Chloroaniline	8.63	127	133977	25.54	ng		98
34) Hexachlorobutadiene	8.70	225	77210	37.63	ng		97
35) Caprolactam	9.05	113	39362	35.90	ng	#	78
36) 4-Chloro-3-methylphenol	9.26	107	136069	37.73	ng	#	72
37) 2-Methylnaphthalene	9.39	142	339718	38.98	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	134997	39.49	ng	#	100
40) Hexachlorocyclopentadiene	9.59	237	58588	62.94	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	94372	39.53	ng		99
43) 2,4,5-Trichlorophenol	9.82	196	95912	40.36	ng		98
45) 1,1'-Biphenyl	9.98	154	388519	40.70	ng		97
46) 2-Chloronaphthalene	10.00	162	296382	39.31	ng		94
47) 2-Nitroaniline	10.14	65	84463	37.68	ng	#	81
48) Acenaphthylene	10.50	152	486912	38.91	ng		99
49) Dimethylphthalate	10.38	163	429537	47.69	ng		99
50) 2,6-Dinitrotoluene	10.44	165	71296	39.63	ng	#	43
51) Acenaphthene	10.72	154	282497	39.47	ng		99
52) 3-Nitroaniline	10.65	138	74949	32.02	ng		86
53) 2,4-Dinitrophenol	10.80	184	48198	68.68	ng		93
54) Dibenzofuran	10.94	168	426418	40.40	ng		94
55) 4-Nitrophenol	10.90	139	86476m	66.63	ng		
56) 2,4-Dinitrotoluene	10.95	165	96801	40.12	ng		93
57) Fluorene	11.36	166	348636	40.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.10	232	73908	42.74	ng	#	100
59) Diethylphthalate	11.25	149	335754	38.08	ng		94
60) 4-Chlorophenyl-phenylether	11.37	204	154127	41.00	ng		88
61) 4-Nitroaniline	11.41	138	76153	34.93	ng		90
62) Azobenzene	11.57	77	360639	42.06	ng		93
64) 4,6-Dinitro-2-methylphenol	11.45	198	39335	36.96	ng		99
65) n-Nitrosodiphenylamine	11.52	169	287190	38.98	ng		99
66) 4-Bromophenyl-phenylether	11.98	248	95351	41.74	ng	#	88
67) Hexachlorobenzene	12.02	284	105697	40.58	ng	#	87
68) Atrazine	12.21	200	90734	45.59	ng		96
69) Pentachlorophenol	12.29	266	84011	84.21	ng		96
70) Phenanthrene	12.54	178	504292	41.44	ng		100
71) Anthracene	12.61	178	504111	40.80	ng		100
72) Carbazole	12.82	167	470395	39.55	ng		97
73) Di-n-butylphthalate	13.28	149	581833	43.69	ng		99
74) Fluoranthene	14.01	202	576780	44.20	ng		99
76) Benzidine	14.21	184	48296	9.96	ng		99
77) Pyrene	14.29	202	576229	41.08	ng		99
79) Butylbenzylphthalate	15.13	149	262795	41.66	ng		87
80) Benzo(a)anthracene	15.77	228	522093	40.09	ng		100
81) 3,3'-Dichlorobenzidine	15.76	252	149241	31.29	ng	#	98
82) Chrysene	15.82	228	481697	38.91	ng		100
83) Bis(2-ethylhexyl)phthalate	15.85	149	387063	42.83	ng		100
84) Di-n-octyl phthalate	16.65	149	683258	43.44	ng		99
85) Indeno(1,2,3-cd)pyrene	18.85	276	624591	39.23	ng		98
87) Benzo(b)fluoranthene	17.09	252	661397	48.37	ng		100
88) Benzo(k)fluoranthene	17.12	252	402079m	32.88	ng		
89) Benzo(a)pyrene	17.47	252	502237	41.74	ng		100
90) Dibenzo(a,h)anthracene	18.87	278	506149	40.18	ng		98
91) Benzo(g,h,i)perylene	19.21	276	503102	40.23	ng		98

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

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