Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079444.D
Acq On : 22 May 2015 20:28
Operator : TP/IZ
Sample : G2361-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-G1-G2-G3-G4MSD

Manual Integrations APPROVED
apatel
5/27/2015 8:16:18 AM

Quant Time: May 23 00:06:25 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 22 22:53:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	72684	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	287526	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	141910	20.00	ng		0.00
63) Phenanthrene-d10	12.63	188	263517	20.00	ng		-0.01
75) Chrysene-d12	15.92	240	252413	20.00	ng		-0.05
86) Perylene-d12	17.68	264	256977	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	540897m	128.10	ng		0.01
7) Phenol-d6	6.63	99	691497	123.89	ng		0.00
23) Nitrobenzene-d5	7.75	82	396004	79.16	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	208984	136.13	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	786298	77.20	ng		0.00
78) Terphenyl-d14	14.63	244	839687	79.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	63635m	34.66	ng		
3) Pyridine	2.59	79	146585m	27.28	ng		
4) n-Nitrosodimethylamine	2.51	42	79648m	34.60	ng		
6) Aniline	6.64	93	204291m	25.93	ng		
8) 2-Chlorophenol	6.79	128	198750	41.50	ng		83
9) Benzaldehyde	6.50	77	35224m	9.37	ng		
10) Phenol	6.65	94	263198	40.65	ng		89
11) bis(2-Chloroethyl)ether	6.75	93	182827	38.52	ng		98
12) 1,3-Dichlorobenzene	6.97	146	210139	39.04	ng	#	94
13) 1,4-Dichlorobenzene	7.07	146	215489	38.90	ng		98
14) 1,2-Dichlorobenzene	7.26	146	207007	40.14	ng		97
15) Benzyl Alcohol	7.24	79	167545m	40.44	ng		
16) 2,2'-oxybis(1-Chloropropan	7.42	45	266307	36.67	ng		95
17) 2-Methylphenol	7.39	107	157855	40.96	ng	#	93
18) Hexachloroethane	7.67	117	74647	39.12	ng		94
19) n-Nitroso-di-n-propylamine	7.58	70	144140	38.24	ng		97
20) 3+4-Methylphenols	7.59	107	217101	42.28	ng	#	47
22) Acetophenone	7.56	105	278166	42.82	ng	#	89
24) Nitrobenzene	7.77	77	206681	41.68	ng	#	91
25) Isophorone	8.07	82	378490	40.81	ng	#	90
26) 2-Nitrophenol	8.17	139	97017	47.27	ng		92
27) 2,4-Dimethylphenol	8.24	122	188108	45.80	ng		95
28) bis(2-Chloroethoxy)methane	8.35	93	234130	40.95	ng		97
29) 2,4-Dichlorophenol	8.47	162	174893	47.89	ng		95
30) 1,2,4-Trichlorobenzene	8.56	180	166904	41.60	ng		98
31) Naphthalene	8.65	128	575375	42.00	ng		100
32) Benzoic acid	8.38	122	99556m	39.92	ng		
33) 4-Chloroaniline	8.74	127	157300	27.13	ng	#	89
34) Hexachlorobutadiene	8.81	225	92971	40.24	ng		98
35) Caprolactam	9.16	113	52010m	44.04	ng		
36) 4-Chloro-3-methylphenol	9.36	107	173909	45.33	ng		98
37) 2-Methylnaphthalene	9.51	142	402930	42.44	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	161572	40.43	ng		98
40) Hexachlorocyclopentadiene	9.70	237	104498	52.00	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	116022	42.23	ng		98
43) 2,4,5-Trichlorophenol	9.92	196	118693	42.73	ng	#	87
45) 1,1'-Biphenyl	10.09	154	469927	41.65	ng		96
46) 2-Chloronaphthalene	10.11	162	366471	41.65	ng		96
47) 2-Nitroaniline	10.25	65	108420	42.52	ng	#	86
48) Acenaphthylene	10.63	152	600645	41.57	ng		97
49) Dimethylphthalate	10.49	163	492738	47.31	ng		100
50) 2,6-Dinitrotoluene	10.56	165	87443	42.54	ng	#	47
51) Acenaphthene	10.83	154	344053	39.93	ng		100
52) 3-Nitroaniline	10.76	138	90839	35.38	ng		88
53) 2,4-Dinitrophenol	10.91	184	49523	65.18	ng	#	56
54) Dibenzofuran	11.05	168	526035	42.27	ng		98
55) 4-Nitrophenol	10.99	139	135453	66.65	ng		90
56) 2,4-Dinitrotoluene	11.06	165	122269	45.00	ng		95
57) Fluorene	11.47	166	427953	41.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	94997	41.85	ng		98
59) Diethylphthalate	11.36	149	426554	41.34	ng		98
60) 4-Chlorophenyl-phenylether	11.48	204	183151	40.42	ng		94
61) 4-Nitroaniline	11.52	138	102851	40.04	ng		97
62) Azobenzene	11.68	77	421099	41.42	ng		98
64) 4,6-Dinitro-2-methylphenol	11.56	198	46233	43.69	ng		78
65) n-Nitrosodiphenylamine	11.63	169	359568	40.97	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	118352	43.09	ng		93
67) Hexachlorobenzene	12.15	284	132625	42.25	ng	#	82
68) Atrazine	12.32	200	116907	45.81	ng		96
69) Pentachlorophenol	12.41	266	112989	63.10	ng		98
70) Phenanthrene	12.66	178	605213	41.05	ng		99
71) Anthracene	12.73	178	623951	43.14	ng		99
72) Carbazole	12.94	167	591877	42.94	ng		100
73) Di-n-butylphthalate	13.39	149	705777	42.69	ng		98
74) Fluoranthene	14.14	202	651328	42.40	ng		96
76) Benzidine	14.32	184	248767	36.57	ng		97
77) Pyrene	14.41	202	663293	45.60	ng		100
79) Butylbenzylphthalate	15.25	149	296214	46.59	ng		92
80) Benzo(a)anthracene	15.91	228	598577	43.30	ng		99
81) 3,3'-Dichlorobenzidine	15.89	252	202630	41.16	ng	#	95
82) Chrysene	15.95	228	566924	42.64	ng		99
83) Bis(2-ethylhexyl)phthalate	15.98	149	438924	45.58	ng		99
84) Di-n-octyl phthalate	16.79	149	746146	43.99	ng		96
85) Indeno(1,2,3-cd)pyrene	19.04	276	689318	40.69	ng		99
87) Benzo(b)fluoranthene	17.22	252	615783	43.78	ng		98
88) Benzo(k)fluoranthene	17.26	252	568972m	41.78	ng		
89) Benzo(a)pyrene	17.62	252	580429	44.82	ng		98
90) Dibenzo(a,h)anthracene	19.06	278	577393	41.95	ng		98
91) Benzo(g,h,i)perylene	19.43	276	593147	42.99	ng		97

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

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