Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079058.D
Acq On : 9 May 2015 00:56
Operator : TP/IZ
Sample : PB83127BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83127BSD

Manual Integrations APPROVED
apatel
5/12/2015 3:44:32 PM

Quant Time: May 09 01:35:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 22:44:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	70737	20.00	ng		0.00
21) Naphthalene-d8	8.90	136	280920	20.00	ng		0.00
38) Acenaphthene-d10	11.07	164	138335	20.00	ng		0.00
63) Phenanthrene-d10	12.93	188	257225	20.00	ng		0.00
75) Chrysene-d12	16.22	240	249063	20.00	ng		-0.03
86) Perylene-d12	17.95	264	245396	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	518264	126.12	ng		0.00
7) Phenol-d6	6.88	99	674813	124.23	ng		-0.01
23) Nitrobenzene-d5	8.01	82	374181	76.55	ng		0.00
41) 2,4,6-Tribromophenol	12.06	330	195341	130.53	ng		0.00
44) 2-Fluorobiphenyl	10.24	172	750072	75.54	ng		-0.01
78) Terphenyl-d14	14.91	244	864864	83.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	63043	35.28	ng	#	24
3) Pyridine	3.05	79	180917	34.60	ng		99
4) n-Nitrosodimethylamine	2.97	42	81384m	36.33	ng		
6) Aniline	6.91	93	170773	22.27	ng		99
8) 2-Chlorophenol	7.05	128	188079	40.35	ng		99
9) Benzaldehyde	6.76	77	52562	14.36	ng		93
10) Phenol	6.90	94	234785	37.26	ng		82
11) bis(2-Chloroethyl)ether	7.00	93	169248	36.64	ng		97
12) 1,3-Dichlorobenzene	7.24	146	199122	38.01	ng	#	94
13) 1,4-Dichlorobenzene	7.35	146	192288	35.67	ng		97
14) 1,2-Dichlorobenzene	7.53	146	188437	37.54	ng		97
15) Benzyl Alcohol	7.50	79	151394	37.55	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.68	45	267486	37.85	ng		98
17) 2-Methylphenol	7.64	107	156139	41.63	ng		98
18) Hexachloroethane	7.94	117	67874	36.55	ng	#	87
19) n-Nitroso-di-n-propylamine	7.83	70	130512	35.57	ng		94
20) 3+4-Methylphenols	7.84	107	203642	40.75	ng	#	49
22) Acetophenone	7.83	105	266686	42.02	ng		96
24) Nitrobenzene	8.03	77	192878	39.81	ng		96
25) Isophorone	8.33	82	344892	38.06	ng		98
26) 2-Nitrophenol	8.43	139	87208	43.49	ng		92
27) 2,4-Dimethylphenol	8.49	122	176768	44.05	ng		96
28) bis(2-Chloroethoxy)methane	8.62	93	217578	38.95	ng		98
29) 2,4-Dichlorophenol	8.73	162	155805	43.66	ng		93
30) 1,2,4-Trichlorobenzene	8.83	180	151098	38.55	ng		99
31) Naphthalene	8.92	128	538653	40.24	ng		99
32) Benzoic acid	8.59	122	95539	39.32	ng		97
33) 4-Chloroaniline	8.99	127	141463	24.98	ng		99
34) Hexachlorobutadiene	9.07	225	82507	36.55	ng		97
35) Caprolactam	9.42	113	49960	43.30	ng		96
36) 4-Chloro-3-methylphenol	9.60	107	164680	43.94	ng		98
37) 2-Methylnaphthalene	9.78	142	365851	39.44	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	144063	36.98	ng	#	100
40) Hexachlorocyclopentadiene	9.98	237	143699	73.35	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	110188	41.14	ng		95
43) 2,4,5-Trichlorophenol	10.18	196	113572	41.94	ng		94
45) 1,1'-Biphenyl	10.36	154	447355	40.68	ng		99
46) 2-Chloronaphthalene	10.39	162	345595	40.29	ng		96
47) 2-Nitroaniline	10.51	65	102704	41.32	ng		99
48) Acenaphthylene	10.90	152	574089	40.76	ng		99
49) Dimethylphthalate	10.75	163	409958	40.38	ng		99
50) 2,6-Dinitrotoluene	10.82	165	80867	40.36	ng		97
51) Acenaphthene	11.12	154	325113	38.71	ng		98
52) 3-Nitroaniline	11.03	138	78673	31.43	ng	#	95
53) 2,4-Dinitrophenol	11.16	184	64894	77.76	ng	#	81
54) Dibenzofuran	11.34	168	491793	40.54	ng		93
55) 4-Nitrophenol	11.24	139	170732	86.18	ng		96
56) 2,4-Dinitrotoluene	11.32	165	117458	44.34	ng	#	75
57) Fluorene	11.76	166	408340	41.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.48	232	91879	41.52	ng	#	100
59) Diethylphthalate	11.63	149	399768	39.74	ng		99
60) 4-Chlorophenyl-phenylether	11.76	204	170851	38.68	ng	#	85
61) 4-Nitroaniline	11.78	138	94719	37.83	ng		94
62) Azobenzene	11.95	77	401086	40.47	ng		93
64) 4,6-Dinitro-2-methylphenol	11.83	198	47562	45.36	ng	#	64
65) n-Nitrosodiphenylamine	11.91	169	343934	40.15	ng		98
66) 4-Bromophenyl-phenylether	12.38	248	111267	41.50	ng	#	85
67) Hexachlorobenzene	12.43	284	124155	40.51	ng	#	86
68) Atrazine	12.58	200	107354	43.10	ng		99
69) Pentachlorophenol	12.69	266	117311	66.68	ng		98
70) Phenanthrene	12.95	178	574201	39.90	ng		99
71) Anthracene	13.02	178	588900	41.72	ng		99
72) Carbazole	13.22	167	578128	42.97	ng		98
73) Di-n-butylphthalate	13.67	149	671567	41.62	ng	#	98
74) Fluoranthene	14.43	202	610947	40.74	ng		94
76) Benzidine	14.61	184	263419	39.24	ng		98
77) Pyrene	14.71	202	618708	43.11	ng		99
79) Butylbenzylphthalate	15.53	149	279524	44.55	ng		96
80) Benzo(a)anthracene	16.21	228	568006	41.65	ng		100
81) 3,3'-Dichlorobenzidine	16.18	252	164801	33.92	ng		99
82) Chrysene	16.25	228	528005	40.25	ng		99
83) Bis(2-ethylhexyl)phthalate	16.25	149	425918	44.82	ng	#	98
84) Di-n-octyl phthalate	17.05	149	723916	43.26	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.44	276	661873	39.60	ng	#	100
87) Benzo(b)fluoranthene	17.51	252	566044	42.14	ng	#	97
88) Benzo(k)fluoranthene	17.54	252	565760m	43.51	ng		
89) Benzo(a)pyrene	17.90	252	543063	43.91	ng		99
90) Dibenzo(a,h)anthracene	19.47	278	538775	40.99	ng		99
91) Benzo(g,h,i)perylene	19.89	276	548746	41.65	ng		97

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

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