Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079439.D
Acq On : 22 May 2015 18:05
Operator : TP/IZ
Sample : PB83558BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83558BSD

Manual Integrations APPROVED
apatel
5/27/2015 8:15:48 AM

Quant Time: May 22 23:48:10 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	72664	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	301127	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	149272	20.00	ng		0.00
63) Phenanthrene-d10	12.64	188	279662	20.00	ng		0.00
75) Chrysene-d12	15.92	240	260024	20.00	ng		-0.05
86) Perylene-d12	17.69	264	259746	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	392215m	92.91	ng		0.01
7) Phenol-d6	6.63	99	496725	89.02	ng		0.00
23) Nitrobenzene-d5	7.75	82	485146	92.59	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	155762	96.46	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	969438	90.48	ng		0.00
78) Terphenyl-d14	14.63	244	1098042	101.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	67971m	37.03	ng		
3) Pyridine	2.59	79	205016m	38.17	ng		
4) n-Nitrosodimethylamine	2.51	42	94915m	41.24	ng		
6) Aniline	6.64	93	173468m	22.02	ng		
8) 2-Chlorophenol	6.79	128	208672	43.58	ng	#	82
9) Benzaldehyde	6.50	77	32312m	8.60	ng		
10) Phenol	6.65	94	260235	40.20	ng		90
11) bis(2-Chloroethyl)ether	6.74	93	186708	39.35	ng		85
12) 1,3-Dichlorobenzene	6.97	146	215416	40.03	ng	#	95
13) 1,4-Dichlorobenzene	7.07	146	224150	40.47	ng		98
14) 1,2-Dichlorobenzene	7.26	146	212848	41.28	ng		98
15) Benzyl Alcohol	7.24	79	173741m	41.94	ng		
16) 2,2'-oxybis(1-Chloropropan	7.42	45	281016	38.71	ng		95
17) 2-Methylphenol	7.39	107	166693	43.26	ng		94
18) Hexachloroethane	7.67	117	78028	40.90	ng		93
19) n-Nitroso-di-n-propylamine	7.58	70	146774	38.94	ng		98
20) 3+4-Methylphenols	7.60	107	225729	43.97	ng	#	43
22) Acetophenone	7.56	105	289645	42.57	ng	#	88
24) Nitrobenzene	7.77	77	210276	40.49	ng		92
25) Isophorone	8.08	82	388141	39.96	ng		98
26) 2-Nitrophenol	8.17	139	98349	45.75	ng		93
27) 2,4-Dimethylphenol	8.24	122	190649	44.32	ng		95
28) bis(2-Chloroethoxy)methane	8.35	93	240700	40.20	ng		99
29) 2,4-Dichlorophenol	8.47	162	182036	47.59	ng		93
30) 1,2,4-Trichlorobenzene	8.56	180	172942	41.16	ng		98
31) Naphthalene	8.65	128	588170	40.99	ng		99
32) Benzoic acid	8.38	122	116179m	43.76	ng		
33) 4-Chloroaniline	8.74	127	137063	22.58	ng	#	89
34) Hexachlorobutadiene	8.81	225	98036	40.52	ng		97
35) Caprolactam	9.18	113	56240m	45.47	ng		
36) 4-Chloro-3-methylphenol	9.36	107	189269	47.11	ng		99
37) 2-Methylnaphthalene	9.52	142	419736	42.21	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	163120	38.80	ng		99
40) Hexachlorocyclopentadiene	9.70	237	115398	54.59	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	120408	41.66	ng		99
43) 2,4,5-Trichlorophenol	9.92	196	123804	42.37	ng	#	84
45) 1,1'-Biphenyl	10.10	154	491306	41.40	ng		98
46) 2-Chloronaphthalene	10.11	162	382530	41.33	ng		96
47) 2-Nitroaniline	10.25	65	113268	42.23	ng		88
48) Acenaphthylene	10.63	152	641137	42.19	ng		99
49) Dimethylphthalate	10.49	163	446427	40.75	ng		99
50) 2,6-Dinitrotoluene	10.56	165	98323	45.48	ng	#	47
51) Acenaphthene	10.83	154	356325	39.32	ng		99
52) 3-Nitroaniline	10.77	138	82191	30.43	ng		91
53) 2,4-Dinitrophenol	10.91	184	42386	57.48	ng	#	56
54) Dibenzofuran	11.05	168	554502	42.36	ng		98
55) 4-Nitrophenol	10.99	139	136658	63.93	ng		96
56) 2,4-Dinitrotoluene	11.06	165	132040	46.20	ng	#	91
57) Fluorene	11.47	166	447627	41.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	96484	40.41	ng		98
59) Diethylphthalate	11.37	149	458844	42.28	ng		96
60) 4-Chlorophenyl-phenylether	11.49	204	193129	40.52	ng		92
61) 4-Nitroaniline	11.52	138	106431	39.39	ng		97
62) Azobenzene	11.68	77	443320	41.45	ng		98
64) 4,6-Dinitro-2-methylphenol	11.57	198	43281	39.89	ng		70
65) n-Nitrosodiphenylamine	11.63	169	384075	41.24	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	125959	43.21	ng		95
67) Hexachlorobenzene	12.15	284	141859	42.58	ng	#	83
68) Atrazine	12.32	200	128634	47.50	ng		96
69) Pentachlorophenol	12.41	266	118524	62.45	ng		97
70) Phenanthrene	12.66	178	653511	41.77	ng		99
71) Anthracene	12.73	178	675402	44.00	ng		99
72) Carbazole	12.94	167	629367	43.02	ng		100
73) Di-n-butylphthalate	13.39	149	759414	43.29	ng		98
74) Fluoranthene	14.14	202	685799	42.07	ng		96
76) Benzidine	14.32	184	318969	45.52	ng		97
77) Pyrene	14.41	202	693857	46.31	ng		99
79) Butylbenzylphthalate	15.25	149	313501	47.86	ng	#	86
80) Benzo(a)anthracene	15.91	228	610975	42.91	ng		99
81) 3,3'-Dichlorobenzidine	15.90	252	175980	34.70	ng		99
82) Chrysene	15.95	228	591352	43.18	ng		99
83) Bis(2-ethylhexyl)phthalate	15.98	149	451703	45.53	ng	#	98
84) Di-n-octyl phthalate	16.79	149	758178	43.39	ng		96
85) Indeno(1,2,3-cd)pyrene	19.05	276	724024	41.49	ng		99
87) Benzo(b)fluoranthene	17.23	252	659086	46.36	ng		100
88) Benzo(k)fluoranthene	17.27	252	555122m	40.33	ng		
89) Benzo(a)pyrene	17.63	252	596855	45.59	ng		98
90) Dibenzo(a,h)anthracene	19.07	278	590671	42.45	ng		100
91) Benzo(g,h,i)perylene	19.44	276	601155	43.11	ng	#	95

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

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