Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079281.D
Acq On : 15 May 2015 20:37
Operator : TP/IZ
Sample : PB83417BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83417BS

Manual Integrations APPROVED
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5/18/2015 3:40:18 PM

Quant Time: May 15 23:58:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 22:54:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	64996	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	269719	20.00	ng		0.00
38) Acenaphthene-d10	10.92	164	127219	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	241373	20.00	ng		0.00
75) Chrysene-d12	16.06	240	235510	20.00	ng		-0.03
86) Perylene-d12	17.79	264	224377	20.00	ng		-0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	442644m	117.23	ng		0.01
7) Phenol-d6	6.74	99	560845	112.37	ng		-0.01
23) Nitrobenzene-d5	7.87	82	328833	70.07	ng		0.00
41) 2,4,6-Tribromophenol	11.91	330	166533	121.00	ng		0.00
44) 2-Fluorobiphenyl	10.10	172	662949	72.60	ng		0.00
78) Terphenyl-d14	14.77	244	746027	75.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	46557m	28.36	ng		
3) Pyridine	2.80	79	153121m	31.87	ng		
4) n-Nitrosodimethylamine	2.72	42	77844m	37.82	ng		
6) Aniline	6.76	93	150157	21.31	ng	#	23
8) 2-Chlorophenol	6.91	128	159614	37.27	ng	#	82
9) Benzaldehyde	6.63	77	43111	12.82	ng		94
10) Phenol	6.76	94	211947	36.61	ng	#	70
11) bis(2-Chloroethyl)ether	6.87	93	148605	35.01	ng		90
12) 1,3-Dichlorobenzene	7.10	146	166584	34.61	ng	#	91
13) 1,4-Dichlorobenzene	7.20	146	175386	35.41	ng		99
14) 1,2-Dichlorobenzene	7.38	146	168149	36.46	ng		99
15) Benzyl Alcohol	7.36	79	119270	32.19	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.54	45	222093	34.20	ng		97
17) 2-Methylphenol	7.51	107	126610	36.74	ng	#	93
18) Hexachloroethane	7.79	117	57879	33.92	ng	#	84
19) n-Nitroso-di-n-propylamine	7.70	70	113325	33.62	ng	#	91
20) 3+4-Methylphenols	7.70	107	169915	37.00	ng	#	47
22) Acetophenone	7.69	105	228152	37.44	ng	#	85
24) Nitrobenzene	7.90	77	167254	35.95	ng	#	83
25) Isophorone	8.19	82	306468	35.22	ng		95
26) 2-Nitrophenol	8.28	139	73781	38.32	ng	#	85
27) 2,4-Dimethylphenol	8.35	122	150288	39.01	ng		96
28) bis(2-Chloroethoxy)methane	8.48	93	192721	35.93	ng		99
29) 2,4-Dichlorophenol	8.58	162	133976	39.11	ng		98
30) 1,2,4-Trichlorobenzene	8.68	180	135187	35.92	ng		99
31) Naphthalene	8.78	128	452538	35.21	ng		100
32) Benzoic acid	8.47	122	87702m	37.87	ng		
33) 4-Chloroaniline	8.86	127	103014	18.94	ng	#	92
34) Hexachlorobutadiene	8.94	225	75505	34.84	ng		99
35) Caprolactam	9.29	113	40391	36.46	ng	#	78
36) 4-Chloro-3-methylphenol	9.47	107	141742	39.39	ng		95
37) 2-Methylnaphthalene	9.64	142	320293	35.96	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	126957	35.43	ng		99
40) Hexachlorocyclopentadiene	9.83	237	118533	65.79	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	90477	36.73	ng		99
43) 2,4,5-Trichlorophenol	10.04	196	95608	38.39	ng		98
45) 1,1'-Biphenyl	10.23	154	378474	37.42	ng		99
46) 2-Chloronaphthalene	10.24	162	287644	36.46	ng		97
47) 2-Nitroaniline	10.38	65	89464	39.14	ng	#	68
48) Acenaphthylene	10.75	152	488018	37.68	ng		99
49) Dimethylphthalate	10.62	163	358370	38.38	ng		97
50) 2,6-Dinitrotoluene	10.68	165	71693	38.91	ng	#	66
51) Acenaphthene	10.97	154	281138	36.40	ng		100
52) 3-Nitroaniline	10.88	138	58323	25.34	ng		91
53) 2,4-Dinitrophenol	11.03	184	57053	75.72	ng	#	50
54) Dibenzofuran	11.19	168	427886	38.35	ng		95
55) 4-Nitrophenol	11.11	139	131616	72.24	ng	#	77
56) 2,4-Dinitrotoluene	11.18	165	93221	38.27	ng	#	46
57) Fluorene	11.61	166	350265	38.25	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.34	232	78845	38.74	ng		99
59) Diethylphthalate	11.48	149	343730	37.16	ng		98
60) 4-Chlorophenyl-phenylether	11.62	204	156347	38.48	ng	#	86
61) 4-Nitroaniline	11.64	138	85285	37.04	ng		85
62) Azobenzene	11.82	77	354350	38.88	ng		92
64) 4,6-Dinitro-2-methylphenol	11.68	198	39820	41.79	ng	#	27
65) n-Nitrosodiphenylamine	11.77	169	295337	36.74	ng		100
66) 4-Bromophenyl-phenylether	12.23	248	95667	38.02	ng	#	78
67) Hexachlorobenzene	12.28	284	110823	38.54	ng	#	68
68) Atrazine	12.45	200	90545	38.74	ng		94
69) Pentachlorophenol	12.54	266	109664	66.45	ng		98
70) Phenanthrene	12.80	178	494220	36.60	ng		99
71) Anthracene	12.86	178	499361	37.70	ng		99
72) Carbazole	13.06	167	469420	37.18	ng		99
73) Di-n-butylphthalate	13.52	149	570576	37.68	ng		98
74) Fluoranthene	14.27	202	534706	38.00	ng		94
76) Benzidine	14.46	184	171483	27.02	ng		97
77) Pyrene	14.55	202	543575	40.05	ng		99
79) Butylbenzylphthalate	15.38	149	246141	41.49	ng		97
80) Benzo(a)anthracene	16.05	228	499366	38.72	ng		100
81) 3,3'-Dichlorobenzidine	16.02	252	144337	31.42	ng	#	98
82) Chrysene	16.09	228	461086	37.17	ng		99
83) Bis(2-ethylhexyl)phthalate	16.10	149	347776	38.70	ng		99
84) Di-n-octyl phthalate	16.90	149	574081	36.28	ng		98
85) Indeno(1,2,3-cd)pyrene	19.20	276	553591	35.03	ng		98
87) Benzo(b)fluoranthene	17.35	252	463743	37.76	ng	#	97
88) Benzo(k)fluoranthene	17.38	252	488177m	41.06	ng		
89) Benzo(a)pyrene	17.74	252	462769	40.92	ng	#	96
90) Dibenzo(a,h)anthracene	19.22	278	452761	37.67	ng		99
91) Benzo(g,h,i)perylene	19.61	276	463347	38.47	ng		99

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

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