Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077866.D
Acq On : 20 Mar 2015 16:35
Operator : TP/IZ
Sample : PB82217BS
Misc : W/DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82217BS

Quant Time: Mar 21 00:26:22 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 20 23:52:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	49844	20.00	ng		0.00
21) Naphthalene-d8	8.70	136	201888	20.00	ng		0.00
38) Acenaphthene-d10	10.88	164	103955	20.00	ng		0.00
63) Phenanthrene-d10	12.72	188	197058	20.00	ng		0.00
75) Chrysene-d12	16.03	240	195469	20.00	ng		0.02
86) Perylene-d12	17.87	264	183634	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	339261	118.81	ng		0.01
7) Phenol-d6	6.70	99	397891	112.78	ng		0.00
23) Nitrobenzene-d5	7.82	82	248993	80.85	ng		0.00
41) 2,4,6-Tribromophenol	11.86	330	113396	114.01	ng		0.00
44) 2-Fluorobiphenyl	10.05	172	544693	77.00	ng		0.00
78) Terphenyl-d14	14.71	244	616323	77.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	38266	29.52	ng	#	100
3) Pyridine	2.70	79	110355	31.68	ng		98
4) n-Nitrosodimethylamine	2.64	42	48862	32.21	ng	#	97
6) Aniline	6.72	93	114504	22.69	ng	#	58
8) 2-Chlorophenol	6.86	128	129863	38.21	ng		92
9) Benzaldehyde	6.58	77	7661	5.30	ng		89
10) Phenol	6.73	94	150781	36.15	ng	#	72
11) bis(2-Chloroethyl)ether	6.82	93	119552	38.27	ng		92
12) 1,3-Dichlorobenzene	7.05	146	136189	36.02	ng		99
13) 1,4-Dichlorobenzene	7.15	146	138836	35.34	ng		99
14) 1,2-Dichlorobenzene	7.33	146	132027	36.66	ng		99
15) Benzyl Alcohol	7.32	79	101023	36.68	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.49	45	163500	38.84	ng		97
17) 2-Methylphenol	7.47	107	104958	37.93	ng		99
18) Hexachloroethane	7.74	117	47915	37.19	ng		92
19) n-Nitroso-di-n-propylamine	7.65	70	90463	37.07	ng	#	92
20) 3+4-Methylphenols	7.66	107	136112	37.49	ng		99
22) Acetophenone	7.64	105	181901	40.70	ng	#	94
24) Nitrobenzene	7.85	77	129565	39.05	ng	#	85
25) Isophorone	8.14	82	238797	38.39	ng		94
26) 2-Nitrophenol	8.24	139	62890	38.72	ng	#	86
27) 2,4-Dimethylphenol	8.32	122	119601	40.41	ng		98
28) bis(2-Chloroethoxy)methane	8.43	93	156088	41.34	ng		99
29) 2,4-Dichlorophenol	8.54	162	111005	39.35	ng		94
30) 1,2,4-Trichlorobenzene	8.64	180	117896	37.35	ng		98
31) Naphthalene	8.73	128	371656	35.84	ng		99
32) Benzoic acid	8.43	122	53407	33.36	ng		99
33) 4-Chloroaniline	8.81	127	93917	22.32	ng	#	93
34) Hexachlorobutadiene	8.89	225	66270	37.05	ng		97
35) Caprolactam	9.24	113	34095	41.36	ng		96
36) 4-Chloro-3-methylphenol	9.42	107	113542	40.00	ng		84
37) 2-Methylnaphthalene	9.58	142	262175	37.64	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	111853	36.07	ng	#	100
40) Hexachlorocyclopentadiene	9.78	237	115493	74.63	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.95	196	79230	36.89	ng		98
43) 2,4,5-Trichlorophenol	10.00	196	85885	37.01	ng	#	92
45) 1,1'-Biphenyl	10.17	154	304562	36.65	ng		97
46) 2-Chloronaphthalene	10.19	162	246528	36.50	ng		94
47) 2-Nitroaniline	10.33	65	68681	40.95	ng		97
48) Acenaphthylene	10.70	152	396972	35.35	ng		99
49) Dimethylphthalate	10.57	163	308966	40.07	ng		100
50) 2,6-Dinitrotoluene	10.64	165	63970	40.03	ng		96
51) Acenaphthene	10.91	154	224891	34.93	ng		99
52) 3-Nitroaniline	10.84	138	49230	26.52	ng		95
53) 2,4-Dinitrophenol	10.97	184	41493	71.61	ng		94
54) Dibenzofuran	11.13	168	355482	37.22	ng		93
55) 4-Nitrophenol	11.07	139	104865	76.27	ng		94
56) 2,4-Dinitrotoluene	11.13	165	81547	39.13	ng		97
57) Fluorene	11.55	166	284407	35.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.29	232	71362	39.94	ng	#	100
59) Diethylphthalate	11.44	149	296640	39.49	ng		94
60) 4-Chlorophenyl-phenylether	11.56	204	135018	37.31	ng	#	89
61) 4-Nitroaniline	11.60	138	68282	36.91	ng		92
62) Azobenzene	11.76	77	275735	38.40	ng		91
64) 4,6-Dinitro-2-methylphenol	11.63	198	34241	37.80	ng		91
65) n-Nitrosodiphenylamine	11.71	169	249605	38.04	ng		100
66) 4-Bromophenyl-phenylether	12.17	248	81326	38.67	ng	#	87
67) Hexachlorobenzene	12.23	284	89061	38.54	ng	#	89
68) Atrazine	12.40	200	83382	45.35	ng		98
69) Pentachlorophenol	12.48	266	88780	73.61	ng		98
70) Phenanthrene	12.74	178	432178	38.20	ng		99
71) Anthracene	12.81	178	455893	40.79	ng		99
72) Carbazole	13.01	167	405976	38.18	ng		99
73) Di-n-butylphthalate	13.47	149	502622	42.16	ng		99
74) Fluoranthene	14.21	202	471749	37.81	ng		98
76) Benzidine	14.40	184	208400	43.14	ng		99
77) Pyrene	14.49	202	481789	39.20	ng		99
79) Butylbenzylphthalate	15.33	149	212292	43.80	ng		88
80) Benzo(a)anthracene	16.01	228	444621	38.37	ng		100
81) 3,3'-Dichlorobenzidine	16.00	252	108654	28.43	ng		97
82) Chrysene	16.05	228	426049	40.89	ng		99
83) Bis(2-ethylhexyl)phthalate	16.09	149	321274	43.76	ng	#	96
84) Di-n-octyl phthalate	16.93	149	532322	42.41	ng		100
85) Indeno(1,2,3-cd)pyrene	19.28	276	474787	36.51	ng	#	100
87) Benzo(b)fluoranthene	17.39	252	412029	34.37	ng		97
88) Benzo(k)fluoranthene	17.43	252	433051m	46.25	ng		
89) Benzo(a)pyrene	17.80	252	413312	41.32	ng	#	98
90) Dibenzo(a,h)anthracene	19.31	278	391045	39.42	ng		98
91) Benzo(g,h,i)perylene	19.69	276	399784	39.58	ng		99

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

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