Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077913.D
Acq On : 24 Mar 2015 16:01
Operator : TP/IZ
Sample : PB82277BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82277BSD

Manual Integrations APPROVED
mohammad
3/25/2015 5:01:06 PM

Quant Time: Mar 25 01:29:36 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 00:51:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	42069	20.00	ng		0.00
21) Naphthalene-d8	8.69	136	168116	20.00	ng		0.00
38) Acenaphthene-d10	10.87	164	84129	20.00	ng		0.00
63) Phenanthrene-d10	12.69	188	164244	20.00	ng		0.00
75) Chrysene-d12	15.97	240	179942	20.00	ng		0.00
86) Perylene-d12	17.69	264	171094	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	310345	128.77	ng		0.00
7) Phenol-d6	6.69	99	388274	130.39	ng		0.00
23) Nitrobenzene-d5	7.81	82	233844	91.18	ng		0.00
41) 2,4,6-Tribromophenol	11.84	330	96533	119.93	ng		0.00
44) 2-Fluorobiphenyl	10.04	172	501840	87.66	ng		0.00
78) Terphenyl-d14	14.69	244	600758	81.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	35569	32.51	ng	#	100
3) Pyridine	2.68	79	110916	37.73	ng		97
4) n-Nitrosodimethylamine	2.61	42	42022	32.83	ng		99
6) Aniline	6.70	93	67317	15.80	ng	#	1
8) 2-Chlorophenol	6.85	128	119829	41.77	ng		89
9) Benzaldehyde	6.57	77	5539	4.54	ng		95
10) Phenol	6.70	94	139073	39.51	ng		99
11) bis(2-Chloroethyl)ether	6.81	93	109392	41.49	ng		92
12) 1,3-Dichlorobenzene	7.04	146	129316	40.53	ng		98
13) 1,4-Dichlorobenzene	7.14	146	130376	39.32	ng		99
14) 1,2-Dichlorobenzene	7.32	146	123459	40.62	ng		98
15) Benzyl Alcohol	7.31	79	90936	39.12	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.48	45	150192	42.27	ng		98
17) 2-Methylphenol	7.46	107	97403	41.71	ng		99
18) Hexachloroethane	7.73	117	44830	41.23	ng		91
19) n-Nitroso-di-n-propylamine	7.64	70	82849	40.22	ng	#	94
20) 3+4-Methylphenols	7.65	107	123760	40.38	ng		98
22) Acetophenone	7.63	105	164480	44.19	ng	#	95
24) Nitrobenzene	7.84	77	118662	42.95	ng	#	88
25) Isophorone	8.13	82	213247	41.17	ng		95
26) 2-Nitrophenol	8.22	139	53644	39.66	ng	#	80
27) 2,4-Dimethylphenol	8.30	122	105940	42.99	ng		99
28) bis(2-Chloroethoxy)methane	8.42	93	141210	44.92	ng		99
29) 2,4-Dichlorophenol	8.53	162	98239	41.82	ng		96
30) 1,2,4-Trichlorobenzene	8.62	180	107635	40.95	ng		96
31) Naphthalene	8.72	128	351957	40.76	ng		99
32) Benzoic acid	8.42	122	38345	29.19	ng		97
33) 4-Chloroaniline	8.80	127	53975	15.40	ng	#	92
34) Hexachlorobutadiene	8.88	225	62096	41.69	ng		99
35) Caprolactam	9.23	113	29226	42.57	ng	#	84
36) 4-Chloro-3-methylphenol	9.41	107	105052	44.45	ng		87
37) 2-Methylnaphthalene	9.57	142	241227	41.59	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.78	216	101996	40.65	ng	#	100
40) Hexachlorocyclopentadiene	9.77	237	105764	84.03	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	69548	40.01	ng		99
43) 2,4,5-Trichlorophenol	9.98	196	73648	39.22	ng	#	95
45) 1,1'-Biphenyl	10.16	154	280266	41.67	ng		97
46) 2-Chloronaphthalene	10.18	162	227814	41.68	ng		95
47) 2-Nitroaniline	10.32	65	61427	45.26	ng		95
48) Acenaphthylene	10.68	152	355421	39.11	ng		99
49) Dimethylphthalate	10.56	163	269004	43.11	ng		99
50) 2,6-Dinitrotoluene	10.63	165	58868	45.51	ng	#	85
51) Acenaphthene	10.90	154	208859	40.08	ng		100
52) 3-Nitroaniline	10.82	138	31909	21.24	ng	#	72
53) 2,4-Dinitrophenol	10.96	184	38177	80.31	ng		95
54) Dibenzofuran	11.12	168	314256	40.66	ng		95
55) 4-Nitrophenol	11.05	139	86276	77.54	ng	#	68
56) 2,4-Dinitrotoluene	11.12	165	74072	43.92	ng		96
57) Fluorene	11.54	166	258293	40.25	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.28	232	59411	41.09	ng	#	100
59) Diethylphthalate	11.43	149	252674	41.56	ng		96
60) 4-Chlorophenyl-phenylether	11.55	204	117629	40.16	ng		91
61) 4-Nitroaniline	11.57	138	54466	36.38	ng	#	70
62) Azobenzene	11.75	77	248425	42.75	ng		94
64) 4,6-Dinitro-2-methylphenol	11.62	198	30123	39.66	ng		76
65) n-Nitrosodiphenylamine	11.70	169	227099	41.52	ng		98
66) 4-Bromophenyl-phenylether	12.16	248	72610	41.43	ng		96
67) Hexachlorobenzene	12.21	284	78431	40.72	ng		99
68) Atrazine	12.37	200	67793	44.23	ng		93
69) Pentachlorophenol	12.47	266	76270	75.78	ng		97
70) Phenanthrene	12.73	178	394996	41.89	ng		100
71) Anthracene	12.79	178	381715	40.98	ng		99
72) Carbazole	13.00	167	380492	42.94	ng		98
73) Di-n-butylphthalate	13.46	149	414934	41.76	ng		98
74) Fluoranthene	14.20	202	425799	40.94	ng		99
76) Benzidine	14.39	184	149567	33.52	ng		100
77) Pyrene	14.48	202	444695	39.30	ng		99
79) Butylbenzylphthalate	15.31	149	187676	42.07	ng		97
80) Benzo(a)anthracene	15.96	228	428093	40.13	ng		99
81) 3,3'-Dichlorobenzidine	15.94	252	80905	22.99	ng	#	95
82) Chrysene	16.01	228	418922	43.68	ng		99
83) Bis(2-ethylhexyl)phthalate	16.03	149	284830	42.15	ng	#	97
84) Di-n-octyl phthalate	16.82	149	477876	41.36	ng		100
85) Indeno(1,2,3-cd)pyrene	19.05	276	468107	39.10	ng	#	100
87) Benzo(b)fluoranthene	17.25	252	429207	38.43	ng	#	95
88) Benzo(k)fluoranthene	17.28	252	402017m	46.08	ng		
89) Benzo(a)pyrene	17.63	252	409282	43.92	ng		99
90) Dibenzo(a,h)anthracene	19.07	278	386712	41.84	ng	#	95
91) Benzo(g,h,i)perylene	19.45	276	385290	40.94	ng		98

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

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