Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
Data File : BF077705.D
Acq On : 12 Mar 2015 00:47
Operator : TP/IZ
Sample : PB82075BSD
Misc : W
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82075BSD

Manual Integrations APPROVED
mohammad
3/13/2015 9:40:49 AM

Quant Time: Mar 12 06:44:47 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 12 02:24:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	56185	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	230617	20.00	ng		0.00
38) Acenaphthene-d10	10.91	164	117841	20.00	ng		0.00
63) Phenanthrene-d10	12.75	188	233562	20.00	ng		0.00
75) Chrysene-d12	16.03	240	241059	20.00	ng		0.00
86) Perylene-d12	17.69	264	225541	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	401217	124.65	ng		0.00
7) Phenol-d6	6.74	99	530677	133.44	ng		0.00
23) Nitrobenzene-d5	7.86	82	280651	79.77	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	133212	118.15	ng		0.00
44) 2-Fluorobiphenyl	10.09	172	631182	78.72	ng		0.00
78) Terphenyl-d14	14.74	244	769731	78.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	46849	32.06	ng	#	100
3) Pyridine	2.76	79	138869	35.37	ng		97
4) n-Nitrosodimethylamine	2.69	42	58104	33.98	ng		96
6) Aniline	6.75	93	97497	17.14	ng	#	1
8) 2-Chlorophenol	6.90	128	158370	41.33	ng		98
9) Benzaldehyde	6.61	77	16376	10.05	ng		99
10) Phenol	6.75	94	198331	42.19	ng		84
11) bis(2-Chloroethyl)ether	6.86	93	141664	40.23	ng		99
12) 1,3-Dichlorobenzene	7.09	146	161934	38.00	ng		98
13) 1,4-Dichlorobenzene	7.20	146	160902	36.34	ng		98
14) 1,2-Dichlorobenzene	7.38	146	155425	38.29	ng		99
15) Benzyl Alcohol	7.36	79	127027	40.92	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	189674	39.97	ng		100
17) 2-Methylphenol	7.50	107	127052	40.73	ng		99
18) Hexachloroethane	7.79	117	56880	39.17	ng		99
19) n-Nitroso-di-n-propylamine	7.69	70	105280	38.27	ng		98
20) 3+4-Methylphenols	7.70	107	166654	40.72	ng		99
22) Acetophenone	7.68	105	208556	40.85	ng	#	99
24) Nitrobenzene	7.88	77	146966	38.78	ng		98
25) Isophorone	8.18	82	279268	39.31	ng	#	90
26) 2-Nitrophenol	8.28	139	75154	40.50	ng		96
27) 2,4-Dimethylphenol	8.35	122	140970	41.70	ng		100
28) bis(2-Chloroethoxy)methane	8.46	93	173910	40.33	ng		99
29) 2,4-Dichlorophenol	8.58	162	138148	42.87	ng		96
30) 1,2,4-Trichlorobenzene	8.68	180	139590	38.72	ng		99
31) Naphthalene	8.77	128	458440	38.71	ng		100
32) Benzoic acid	8.45	122	66000	35.84	ng		95
33) 4-Chloroaniline	8.84	127	79521	16.54	ng	#	91
34) Hexachlorobutadiene	8.93	225	75795	37.09	ng		98
35) Caprolactam	9.26	113	39991	42.47	ng		100
36) 4-Chloro-3-methylphenol	9.46	107	137044	42.27	ng		99
37) 2-Methylnaphthalene	9.63	142	328056	41.23	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	139555	39.71	ng	#	100
40) Hexachlorocyclopentadiene	9.82	237	141191	80.24	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.99	196	98339	40.39	ng		99
43) 2,4,5-Trichlorophenol	10.03	196	104004	39.54	ng		96
45) 1,1'-Biphenyl	10.21	154	388135	41.20	ng		99
46) 2-Chloronaphthalene	10.23	162	294112	38.42	ng	#	92
47) 2-Nitroaniline	10.36	65	83167	43.74	ng		94
48) Acenaphthylene	10.74	152	486351	38.20	ng		100
49) Dimethylphthalate	10.60	163	356928	40.84	ng		99
50) 2,6-Dinitrotoluene	10.67	165	75893	41.89	ng		95
51) Acenaphthene	10.96	154	279742	38.33	ng		99
52) 3-Nitroaniline	10.87	138	47797	22.72	ng	#	74
53) 2,4-Dinitrophenol	11.00	184	56102	83.86	ng		98
54) Dibenzofuran	11.17	168	445386	41.14	ng		99
55) 4-Nitrophenol	11.09	139	142008	91.11	ng		93
56) 2,4-Dinitrotoluene	11.16	165	100887	42.71	ng	#	97
57) Fluorene	11.60	166	360595	40.12	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	82522	40.75	ng	#	100
59) Diethylphthalate	11.48	149	348092	40.88	ng		99
60) 4-Chlorophenyl-phenylether	11.61	204	165829	40.42	ng		95
61) 4-Nitroaniline	11.62	138	76888	36.67	ng		80
62) Azobenzene	11.80	77	329216	40.45	ng		99
64) 4,6-Dinitro-2-methylphenol	11.67	198	41810	38.82	ng		88
65) n-Nitrosodiphenylamine	11.76	169	308305	39.64	ng		99
66) 4-Bromophenyl-phenylether	12.21	248	98478	39.51	ng		98
67) Hexachlorobenzene	12.27	284	105614	38.56	ng	#	93
68) Atrazine	12.43	200	98401	45.15	ng		98
69) Pentachlorophenol	12.52	266	110609	77.22	ng		99
70) Phenanthrene	12.79	178	518721	38.69	ng		100
71) Anthracene	12.84	178	512714	38.70	ng		100
72) Carbazole	13.05	167	477866	37.92	ng		100
73) Di-n-butylphthalate	13.51	149	565094	39.99	ng		100
74) Fluoranthene	14.25	202	546742	36.97	ng		93
76) Benzidine	14.43	184	184523	30.83	ng		98
77) Pyrene	14.53	202	597382	39.41	ng		100
79) Butylbenzylphthalate	15.37	149	247682	41.44	ng		97
80) Benzo(a)anthracene	16.02	228	552814	38.69	ng		100
81) 3,3'-Dichlorobenzidine	16.00	252	111704	23.70	ng		98
82) Chrysene	16.07	228	497794	38.74	ng		100
83) Bis(2-ethylhexyl)phthalate	16.08	149	371968	41.09	ng	#	95
84) Di-n-octyl phthalate	16.85	149	617903	39.92	ng		99
85) Indeno(1,2,3-cd)pyrene	19.08	276	573016	35.73	ng	#	100
87) Benzo(b)fluoranthene	17.28	252	545639	37.06	ng	#	95
88) Benzo(k)fluoranthene	17.30	252	492247m	42.80	ng		
89) Benzo(a)pyrene	17.63	252	496187	40.39	ng	#	97
90) Dibenzo(a,h)anthracene	19.11	278	470291	38.60	ng		98
91) Benzo(g,h,i)perylene	19.48	276	476976	38.45	ng		96

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

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