Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
Data File : BF080297.D
Acq On : 2 Jul 2015 5:19
Operator : TP/UM
Sample : PB84309BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84309BS

Manual Integrations APPROVED
apatel
7/2/2015 2:40:17 PM

Quant Time: Jul 02 08:26:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 03:50:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	40435	20.00	ng		0.00
21) Naphthalene-d8	8.56	136	158015	20.00	ng		0.00
38) Acenaphthene-d10	10.32	164	81437	20.00	ng		0.00
63) Phenanthrene-d10	11.83	188	164865	20.00	ng		0.00
75) Chrysene-d12	14.75	240	158528	20.00	ng		0.00
86) Perylene-d12	16.59	264	149341	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.88	112	296491	126.98	ng		0.00
7) Phenol-d6	6.87	99	373449	119.14	ng		0.00
23) Nitrobenzene-d5	7.82	82	214558	74.76	ng		0.00
41) 2,4,6-Tribromophenol	11.12	330	99171	127.89	ng		0.00
44) 2-Fluorobiphenyl	9.64	172	465553	82.28	ng		0.00
78) Terphenyl-d14	13.50	244	511811	75.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	32783m	116.99	ng		
3) Pyridine	3.94	79	100516	34.78	ng		99
4) n-Nitrosodimethylamine	3.85	42	44953	34.92	ng		93
6) Aniline	6.93	93	81861	19.53	ng	#	89
8) 2-Chlorophenol	7.05	128	105110	40.98	ng		99
9) Benzaldehyde	6.81	77	57097	33.33	ng		99
10) Phenol	6.88	94	131704	37.99	ng		96
11) bis(2-Chloroethyl)ether	6.98	93	111840	42.65	ng		99
12) 1,3-Dichlorobenzene	7.21	146	120544	38.50	ng		99
13) 1,4-Dichlorobenzene	7.28	146	121724	39.05	ng		100
14) 1,2-Dichlorobenzene	7.44	146	120412	38.88	ng		99
15) Benzyl Alcohol	7.40	79	95640	39.63	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.53	45	161994	40.27	ng		99
17) 2-Methylphenol	7.50	107	90677	40.89	ng		99
18) Hexachloroethane	7.78	117	37972	39.02	ng		98
19) n-Nitroso-di-n-propylamine	7.66	70	78685	37.76	ng		97
20) 3+4-Methylphenols	7.65	107	116943	39.70	ng		98
22) Acetophenone	7.67	105	149929	40.61	ng		100
24) Nitrobenzene	7.84	77	122658	41.22	ng		99
25) Isophorone	8.08	82	215086	38.56	ng		99
26) 2-Nitrophenol	8.16	139	51108	39.33	ng		97
27) 2,4-Dimethylphenol	8.18	122	95913	40.20	ng		99
28) bis(2-Chloroethoxy)methane	8.29	93	133449	39.86	ng		100
29) 2,4-Dichlorophenol	8.40	162	94771	43.01	ng		98
30) 1,2,4-Trichlorobenzene	8.49	180	95615	37.20	ng		99
31) Naphthalene	8.58	128	302781m	37.62	ng		
32) Benzoic acid	8.25	122	31322	57.37	ng		97
33) 4-Chloroaniline	8.62	127	41791m	12.24	ng		
34) Hexachlorobutadiene	8.70	225	61192	37.79	ng		100
35) Caprolactam	8.95	113	25224	37.73	ng		96
36) 4-Chloro-3-methylphenol	9.09	107	100747	42.23	ng		96
37) 2-Methylnaphthalene	9.27	142	220301	39.97	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.44	216	105454	38.91	ng		98
40) Hexachlorocyclopentadiene	9.43	237	90517	84.35	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.54	196	66907	39.00	ng		94
43) 2,4,5-Trichlorophenol	9.59	196	69169	37.43	ng		97
45) 1,1'-Biphenyl	9.74	154	276828	39.97	ng		99
46) 2-Chloronaphthalene	9.76	162	195475	36.47	ng		98
47) 2-Nitroaniline	9.85	65	60159	39.02	ng		96
48) Acenaphthylene	10.18	152	343476	36.90	ng		99
49) Dimethylphthalate	10.02	163	262263	42.16	ng		100
50) 2,6-Dinitrotoluene	10.09	165	48045	37.78	ng		97
51) Acenaphthene	10.36	154	218008	40.67	ng		99
52) 3-Nitroaniline	10.26	138	26625	18.25	ng		97
53) 2,4-Dinitrophenol	10.37	184	43405	82.57	ng	#	1
54) Dibenzofuran	10.53	168	291051	38.48	ng		99
55) 4-Nitrophenol	10.41	139	80693	74.83	ng	#	63
56) 2,4-Dinitrotoluene	10.49	165	66835	40.53	ng		93
57) Fluorene	10.88	166	240320	38.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.65	232	57722	40.08	ng		98
59) Diethylphthalate	10.73	149	228205	38.59	ng	#	92
60) 4-Chlorophenyl-phenylether	10.86	204	109599	38.63	ng		96
61) 4-Nitroaniline	10.87	138	50402	34.00	ng		97
62) Azobenzene	11.02	77	220994	36.33	ng		97
64) 4,6-Dinitro-2-methylphenol	10.92	198	28060	42.96	ng	#	41
65) n-Nitrosodiphenylamine	10.97	169	201271	37.15	ng		99
66) 4-Bromophenyl-phenylether	11.36	248	67942	38.13	ng		99
67) Hexachlorobenzene	11.44	284	72058	37.73	ng		98
68) Atrazine	11.50	200	61286	37.42	ng		98
69) Pentachlorophenol	11.62	266	72645	70.92	ng		98
70) Phenanthrene	11.85	178	371417	37.60	ng		100
71) Anthracene	11.91	178	353644	37.32	ng		98
72) Carbazole	12.06	167	316181	35.67	ng		100
73) Di-n-butylphthalate	12.38	149	344784	36.26	ng		99
74) Fluoranthene	13.10	202	370128	36.27	ng		99
76) Benzidine	13.21	184	160225	34.51	ng		99
77) Pyrene	13.35	202	379977	37.45	ng		99
79) Butylbenzylphthalate	14.04	149	147596	37.94	ng		89
80) Benzo(a)anthracene	14.73	228	351880	36.73	ng		99
81) 3,3'-Dichlorobenzidine	14.69	252	63311	20.24	ng	#	97
82) Chrysene	14.78	228	325236	36.82	ng		99
83) Bis(2-ethylhexyl)phthalate	14.71	149	206716	37.74	ng	#	95
84) Di-n-octyl phthalate	15.50	149	338547	36.69	ng		99
85) Indeno(1,2,3-cd)pyrene	18.38	276	338595	34.10	ng		98
87) Benzo(b)fluoranthene	16.06	252	322844	34.23	ng	#	97
88) Benzo(k)fluoranthene	16.09	252	340548m	38.33	ng		
89) Benzo(a)pyrene	16.51	252	320079	37.23	ng		99
90) Dibenzo(a,h)anthracene	18.40	278	280812	34.82	ng	#	96
91) Benzo(g,h,i)perylene	18.92	276	294166	34.96	ng		98

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

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