Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085722.D
Acq On : 24 Mar 2016 19:14
Operator : UM/SJ
Sample : PB89173BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89173BS

Manual Integrations APPROVED
Sohil
3/25/2016 3:04:29 PM

Quant Time: Mar 25 01:52:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	116549	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	473856	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	230345	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	442115	20.00	ng		0.00
75) Chrysene-d12	13.98	240	309707	20.00	ng		0.00
86) Perylene-d12	15.40	264	214343	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	816616	116.69	ng		0.02
7) Phenol-d6	6.46	99	1010773	113.60	ng		0.00
23) Nitrobenzene-d5	7.40	82	650187	77.27	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	240996	110.12	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1088264	78.93	ng		0.00
78) Terphenyl-d14	12.93	244	1006530	66.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	95771	28.66	ng		97
3) Pyridine	3.18	79	240114	29.97	ng		98
4) n-Nitrosodimethylamine	3.12	42	120179	37.47	ng		97
6) Aniline	6.49	93	244952	20.45	ng		95
8) 2-Chlorophenol	6.61	128	296098	36.42	ng		95
9) Benzaldehyde	6.37	77	39689	7.40	ng		91
10) Phenol	6.48	94	311796	30.93	ng		83
11) bis(2-Chloroethyl)ether	6.56	93	271260	34.97	ng		98
12) 1,3-Dichlorobenzene	6.77	146	306075	34.96	ng		98
13) 1,4-Dichlorobenzene	6.85	146	303358m	34.16	ng		
14) 1,2-Dichlorobenzene	7.00	146	298844	36.11	ng		99
15) Benzyl Alcohol	6.97	79	240308	40.48	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	356078	34.60	ng		97
17) 2-Methylphenol	7.09	107	255527	39.25	ng		99
18) Hexachloroethane	7.34	117	116547	35.84	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	206475	38.76	ng		99
20) 3+4-Methylphenols	7.24	107	294748	37.66	ng		90
22) Acetophenone	7.24	105	378273	34.27	ng	#	98
24) Nitrobenzene	7.41	77	283296	32.66	ng		98
25) Isophorone	7.65	82	573239	35.36	ng		99
26) 2-Nitrophenol	7.73	139	153823	35.45	ng	#	90
27) 2,4-Dimethylphenol	7.77	122	304622	40.16	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	368946	39.95	ng		99
29) 2,4-Dichlorophenol	7.97	162	235760	36.97	ng		94
30) 1,2,4-Trichlorobenzene	8.06	180	248813	35.15	ng		93
31) Naphthalene	8.13	128	831917	34.84	ng		99
32) Benzoic acid	7.90	122	167317	33.21	ng		100
33) 4-Chloroaniline	8.18	127	82320	8.44	ng		97
34) Hexachlorobutadiene	8.25	225	133808	34.78	ng		99
35) Caprolactam	8.55	113	82818m	36.67	ng		
36) 4-Chloro-3-methylphenol	8.68	107	290557	39.01	ng		97
37) 2-Methylnaphthalene	8.82	142	576211	40.37	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	239658	35.09	ng		100
40) Hexachlorocyclopentadiene	8.97	237	203051	72.32	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	170154	36.88	ng		95
43) 2,4,5-Trichlorophenol	9.16	196	178777	36.95	ng		98
45) 1,1'-Biphenyl	9.29	154	700703	36.05	ng		94
46) 2-Chloronaphthalene	9.32	162	540085	37.79	ng		98
47) 2-Nitroaniline	9.41	65	148460	33.97	ng		89
48) Acenaphthylene	9.73	152	859219	36.90	ng		100
49) Dimethylphthalate	9.59	163	596267	34.12	ng		99
50) 2,6-Dinitrotoluene	9.66	165	150144	39.91	ng	#	66
51) Acenaphthene	9.90	154	500325	35.17	ng		100
52) 3-Nitroaniline	9.82	138	66746	15.50	ng		94
53) 2,4-Dinitrophenol	9.93	184	140099	74.19	ng		88
54) Dibenzofuran	10.07	168	726750	39.47	ng		98
55) 4-Nitrophenol	9.99	139	196801	70.16	ng		94
56) 2,4-Dinitrotoluene	10.06	165	178318	37.30	ng	#	62
57) Fluorene	10.41	166	592106	38.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	141467	42.07	ng		96
59) Diethylphthalate	10.29	149	597421	34.60	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	247660	33.10	ng		97
61) 4-Nitroaniline	10.44	138	141672	34.40	ng		91
62) Azobenzene	10.56	77	664844	40.07	ng		98
64) 4,6-Dinitro-2-methylphenol	10.47	198	103954	40.15	ng	#	65
65) n-Nitrosodiphenylamine	10.53	169	547610	39.11	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	166234	36.75	ng		97
67) Hexachlorobenzene	10.96	284	185092	39.13	ng		98
68) Atrazine	11.05	200	160226	33.89	ng		99
69) Pentachlorophenol	11.16	266	189104	81.43	ng		99
70) Phenanthrene	11.37	178	924542	40.73	ng		100
71) Anthracene	11.42	178	851224	35.72	ng		100
72) Carbazole	11.58	167	790393	39.50	ng		99
73) Di-n-butylphthalate	11.91	149	1028280	37.45	ng		100
74) Fluoranthene	12.55	202	865139	35.85	ng		99
76) Benzidine	12.68	184	242374	22.22	ng		99
77) Pyrene	12.78	202	868263	34.11	ng		98
79) Butylbenzylphthalate	13.41	149	389826	36.56	ng		97
80) Benzo(a)anthracene	13.97	228	633082	35.85	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	125970	10.28	ng	#	96
82) Chrysene	14.00	228	562243	31.61	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	458524	35.92	ng		99
84) Di-n-octyl phthalate	14.57	149	723227	38.10	ng		99
85) Indeno(1,2,3-cd)pyrene	16.78	276	477821	34.79	ng		99
87) Benzo(b)fluoranthene	15.00	252	539360	39.94	ng	#	95
88) Benzo(k)fluoranthene	15.02	252	436285m	35.84	ng		
89) Benzo(a)pyrene	15.34	252	457226	38.14	ng		98
90) Dibenzo(a,h)anthracene	16.79	278	398091	35.74	ng		100
91) Benzo(g,h,i)perylene	17.19	276	405891	35.98	ng		98

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

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