Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086164.D
Acq On : 8 Apr 2016 13:17
Operator : UM/SJ
Sample : PB89567BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89567BS

Manual Integrations APPROVED
Sohil
4/11/2016 5:45:07 PM

Quant Time: Apr 08 23:49:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	110789	20.00	ng		-0.05
21) Naphthalene-d8	8.02	136	444608	20.00	ng		-0.05
38) Acenaphthene-d10	9.77	164	213051	20.00	ng		-0.05
63) Phenanthrene-d10	11.25	188	382346	20.00	ng		-0.05
75) Chrysene-d12	13.88	240	278252	20.00	ng		-0.05
86) Perylene-d12	15.28	264	241261	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	722031	111.40	ng		-0.03
7) Phenol-d6	6.38	99	953604	115.83	ng		-0.03
23) Nitrobenzene-d5	7.30	82	573874	76.12	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	221584	110.81	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1078593	84.18	ng		-0.05
78) Terphenyl-d14	12.83	244	916095	77.39	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	99456	32.37	ng		99
3) Pyridine	3.02	79	235469	34.23	ng		99
4) n-Nitrosodimethylamine	2.97	42	117507	38.84	ng		98
6) Aniline	6.40	93	175181	16.22	ng	#	1
8) 2-Chlorophenol	6.51	128	285432	36.93	ng		88
9) Benzaldehyde	6.28	77	93778	21.17	ng		88
10) Phenol	6.40	94	386718	41.18	ng		96
11) bis(2-Chloroethyl)ether	6.46	93	274004m	36.85	ng		
12) 1,3-Dichlorobenzene	6.67	146	297993	36.37	ng		99
13) 1,4-Dichlorobenzene	6.74	146	307537	36.44	ng		99
14) 1,2-Dichlorobenzene	6.90	146	290189	37.35	ng		99
15) Benzyl Alcohol	6.89	79	226516	42.53	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	315339	34.71	ng		74
17) 2-Methylphenol	7.00	107	240718	39.50	ng		96
18) Hexachloroethane	7.23	117	110669	35.65	ng	#	83
19) n-Nitroso-di-n-propylamine	7.15	70	193059	37.83	ng		96
20) 3+4-Methylphenols	7.16	107	318273	42.94	ng	#	61
22) Acetophenone	7.15	105	401247	38.39	ng	#	89
24) Nitrobenzene	7.32	77	315121	38.21	ng	#	87
25) Isophorone	7.56	82	574844	38.63	ng		96
26) 2-Nitrophenol	7.64	139	161189	40.85	ng		91
27) 2,4-Dimethylphenol	7.69	122	293816	41.45	ng		94
28) bis(2-Chloroethoxy)methane	7.77	93	339524	38.88	ng		99
29) 2,4-Dichlorophenol	7.88	162	239753	40.01	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	259439	38.57	ng		95
31) Naphthalene	8.03	128	830198	37.12	ng		99
32) Benzoic acid	7.82	122	135535	26.07	ng		99
33) 4-Chloroaniline	8.10	127	103001	11.40	ng		99
34) Hexachlorobutadiene	8.16	225	136279	37.69	ng		98
35) Caprolactam	8.46	113	79178m	41.65	ng		
36) 4-Chloro-3-methylphenol	8.59	107	260289	38.64	ng		97
37) 2-Methylnaphthalene	8.73	142	563321	38.56	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	238810	37.29	ng		99
40) Hexachlorocyclopentadiene	8.88	237	134022	63.40	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	154106	37.48	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	160713	38.50	ng	#	85
45) 1,1'-Biphenyl	9.20	154	683017	37.18	ng		95
46) 2-Chloronaphthalene	9.22	162	517243	38.84	ng		98
47) 2-Nitroaniline	9.32	65	155998	40.04	ng		99
48) Acenaphthylene	9.63	152	811066	38.02	ng		99
49) Dimethylphthalate	9.50	163	613944	38.88	ng		98
50) 2,6-Dinitrotoluene	9.56	165	119329	35.72	ng		95
51) Acenaphthene	9.80	154	489259	38.57	ng		99
52) 3-Nitroaniline	9.73	138	71842	17.84	ng		99
53) 2,4-Dinitrophenol	9.86	184	101330	53.66	ng	#	68
54) Dibenzofuran	9.97	168	661633	39.49	ng		98
55) 4-Nitrophenol	9.92	139	144838	61.02	ng		91
56) 2,4-Dinitrotoluene	9.97	165	154716	36.65	ng	#	54
57) Fluorene	10.32	166	550633	38.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	125886	40.50	ng		99
59) Diethylphthalate	10.20	149	573181	35.96	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	235086	35.26	ng		97
61) 4-Nitroaniline	10.35	138	137393	34.65	ng		93
62) Azobenzene	10.46	77	616267	40.37	ng		97
64) 4,6-Dinitro-2-methylphenol	10.38	198	78632	33.94	ng	#	79
65) n-Nitrosodiphenylamine	10.43	169	477821	39.96	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	158772	40.67	ng		98
67) Hexachlorobenzene	10.86	284	163645	40.54	ng	#	92
68) Atrazine	10.97	200	150604	38.98	ng		95
69) Pentachlorophenol	11.07	266	122769	64.89	ng		99
70) Phenanthrene	11.28	178	832498	39.91	ng		99
71) Anthracene	11.32	178	781107	35.75	ng		99
72) Carbazole	11.48	167	691728	36.83	ng		99
73) Di-n-butylphthalate	11.81	149	862867	37.07	ng		100
74) Fluoranthene	12.46	202	804137	37.07	ng		89
76) Benzidine	12.59	184	290549	29.60	ng		97
77) Pyrene	12.68	202	793004	40.44	ng		99
79) Butylbenzylphthalate	13.31	149	401380	45.46	ng		92
80) Benzo(a)anthracene	13.87	228	656851	40.05	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	115750	9.66	ng		99
82) Chrysene	13.92	228	665584	42.13	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	509423	43.47	ng	#	92
84) Di-n-octyl phthalate	14.48	149	874556	46.74	ng		99
85) Indeno(1,2,3-cd)pyrene	16.63	276	492397	38.41	ng		100
87) Benzo(b)fluoranthene	14.89	252	547540m	36.08	ng		
88) Benzo(k)fluoranthene	14.92	252	599503m	44.61	ng		
89) Benzo(a)pyrene	15.23	252	538776	40.07	ng	#	96
90) Dibenzo(a,h)anthracene	16.63	278	413393	38.21	ng		99
91) Benzo(g,h,i)perylene	17.01	276	406814	38.85	ng		99

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

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