Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086098.D
Acq On : 6 Apr 2016 15:02
Operator : UM/SJ
Sample : PB89565BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89565BS

Manual Integrations APPROVED
Sohil
4/7/2016 11:40:44 AM

Quant Time: Apr 07 01:44:03 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	6.74	152	105394	20.00	ng		-0.03
21) Naphthalene-d8	8.03	136	428773	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	194342	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	368170	20.00	ng		-0.03
75) Chrysene-d12	13.91	240	249523	20.00	ng		-0.02
86) Perylene-d12	15.30	264	194578	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	718787	116.57	ng		-0.02
7) Phenol-d6	6.40	99	955242	121.97	ng		-0.02
23) Nitrobenzene-d5	7.31	82	586381	80.65	ng		-0.03
41) 2,4,6-Tribromophenol	10.58	330	267357	146.57	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	964861	82.55	ng		-0.03
78) Terphenyl-d14	12.85	244	1018796	95.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	96964	33.17	ng	#	97
3) Pyridine	3.04	79	246461	37.66	ng		100
4) n-Nitrosodimethylamine	2.98	42	118672	41.24	ng		99
6) Aniline	6.41	93	190465	18.54	ng	#	1
8) 2-Chlorophenol	6.53	128	285920	38.88	ng		96
9) Benzaldehyde	6.29	77	99083	23.51	ng		93
10) Phenol	6.41	94	386867	43.30	ng		92
11) bis(2-Chloroethyl)ether	6.49	93	289939	40.98	ng		96
12) 1,3-Dichlorobenzene	6.68	146	303121	38.89	ng	#	94
13) 1,4-Dichlorobenzene	6.76	146	305846	38.09	ng		95
14) 1,2-Dichlorobenzene	6.91	146	278612	37.70	ng		96
15) Benzyl Alcohol	6.90	79	214526	42.34	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	313175	36.24	ng		68
17) 2-Methylphenol	7.01	107	229486	39.58	ng		97
18) Hexachloroethane	7.25	117	113210	38.34	ng		96
19) n-Nitroso-di-n-propylamine	7.16	70	179553	36.99	ng		93
20) 3+4-Methylphenols	7.17	107	298926	42.39	ng	#	65
22) Acetophenone	7.16	105	390038	38.70	ng	#	90
24) Nitrobenzene	7.33	77	306865	38.58	ng		94
25) Isophorone	7.57	82	550860	38.38	ng		97
26) 2-Nitrophenol	7.65	139	158742	41.71	ng		99
27) 2,4-Dimethylphenol	7.70	122	284006	41.55	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	352683	41.88	ng		100
29) 2,4-Dichlorophenol	7.89	162	224148	38.79	ng		93
30) 1,2,4-Trichlorobenzene	7.97	180	244308	37.66	ng		97
31) Naphthalene	8.05	128	832124	38.58	ng		99
32) Benzoic acid	7.84	122	161533	32.21	ng		97
33) 4-Chloroaniline	8.11	127	71732	8.23	ng		96
34) Hexachlorobutadiene	8.17	225	127520	36.57	ng		99
35) Caprolactam	8.48	113	77454m	42.25	ng		
36) 4-Chloro-3-methylphenol	8.60	107	244407	37.62	ng		96
37) 2-Methylnaphthalene	8.74	142	522810	37.11	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	218112	37.34	ng		98
40) Hexachlorocyclopentadiene	8.90	237	166309	79.03	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	147548	39.34	ng		98
43) 2,4,5-Trichlorophenol	9.07	196	154807	40.65	ng	#	80
45) 1,1'-Biphenyl	9.21	154	641828	38.30	ng		98
46) 2-Chloronaphthalene	9.23	162	468002	38.53	ng		93
47) 2-Nitroaniline	9.33	65	143776	40.45	ng		91
48) Acenaphthylene	9.64	152	731247	37.58	ng		100
49) Dimethylphthalate	9.52	163	600674	41.70	ng		99
50) 2,6-Dinitrotoluene	9.58	165	120583	39.57	ng	#	55
51) Acenaphthene	9.81	154	435875	37.66	ng		99
52) 3-Nitroaniline	9.74	138	55882	15.21	ng		88
53) 2,4-Dinitrophenol	9.87	184	125691	65.93	ng	#	66
54) Dibenzofuran	9.98	168	629801	41.21	ng		95
55) 4-Nitrophenol	9.93	139	158325	73.12	ng		93
56) 2,4-Dinitrotoluene	9.98	165	144944	37.64	ng	#	41
57) Fluorene	10.33	166	480776	36.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	117674	41.50	ng		98
59) Diethylphthalate	10.21	149	597511	41.10	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	245241	40.33	ng	#	81
61) 4-Nitroaniline	10.36	138	127422	35.23	ng		88
62) Azobenzene	10.49	77	612420	43.98	ng		88
64) 4,6-Dinitro-2-methylphenol	10.40	198	87578	39.25	ng		88
65) n-Nitrosodiphenylamine	10.44	169	438093	38.05	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	139619	37.14	ng	#	84
67) Hexachlorobenzene	10.88	284	150187	38.64	ng	#	76
68) Atrazine	10.98	200	163485	43.94	ng		99
69) Pentachlorophenol	11.08	266	143119	78.56	ng		98
70) Phenanthrene	11.29	178	746201	37.15	ng		100
71) Anthracene	11.34	178	834142	39.65	ng		99
72) Carbazole	11.50	167	739783	40.90	ng		98
73) Di-n-butylphthalate	11.82	149	850642	37.96	ng		99
74) Fluoranthene	12.48	202	798098	38.20	ng		95
76) Benzidine	12.60	184	273347	31.05	ng		98
77) Pyrene	12.70	202	807654	45.93	ng		99
79) Butylbenzylphthalate	13.32	149	353491	44.65	ng	#	83
80) Benzo(a)anthracene	13.89	228	601601	40.90	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	80553	7.50	ng	#	97
82) Chrysene	13.93	228	592472	41.82	ng		100
83) Bis(2-ethylhexyl)phthalate	13.88	149	440291	41.90	ng	#	96
84) Di-n-octyl phthalate	14.49	149	673002	40.11	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	478800	41.65	ng		99
87) Benzo(b)fluoranthene	14.91	252	555449m	45.38	ng		
88) Benzo(k)fluoranthene	14.93	252	383677m	35.40	ng		
89) Benzo(a)pyrene	15.24	252	445915	41.12	ng		98
90) Dibenzo(a,h)anthracene	16.65	278	401392	46.00	ng		99
91) Benzo(g,h,i)perylene	17.05	276	410291	48.59	ng		94

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

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