Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086171.D
Acq On : 8 Apr 2016 16:36
Operator : UM/SJ
Sample : PB89669BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89669BS

Manual Integrations APPROVED
Sohil
4/11/2016 5:45:12 PM

Quant Time: Apr 09 00:06:39 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	115499	20.00	ng		-0.05
21) Naphthalene-d8	8.01	136	472282	20.00	ng		-0.06
38) Acenaphthene-d10	9.77	164	233608	20.00	ng		-0.05
63) Phenanthrene-d10	11.25	188	423462	20.00	ng		-0.05
75) Chrysene-d12	13.88	240	326025	20.00	ng		-0.05
86) Perylene-d12	15.28	264	240758	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	513003	75.92	ng		-0.03
7) Phenol-d6	6.37	99	629573	73.35	ng		-0.05
23) Nitrobenzene-d5	7.30	82	562285	70.21	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	151270	68.99	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1089584	77.55	ng		-0.05
78) Terphenyl-d14	12.83	244	978729	70.57	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	93302	29.13	ng		96
3) Pyridine	3.01	79	260085	36.26	ng		100
4) n-Nitrosodimethylamine	2.97	42	107002	33.93	ng		96
6) Aniline	6.40	93	145203	12.89	ng	#	35
8) 2-Chlorophenol	6.51	128	280584	34.82	ng		93
9) Benzaldehyde	6.28	77	88736	19.21	ng		92
10) Phenol	6.38	94	312379	31.91	ng		88
11) bis(2-Chloroethyl)ether	6.46	93	254590m	32.84	ng		
12) 1,3-Dichlorobenzene	6.67	146	283865	33.24	ng		99
13) 1,4-Dichlorobenzene	6.74	146	289443	32.89	ng		99
14) 1,2-Dichlorobenzene	6.90	146	268830	33.19	ng		99
15) Benzyl Alcohol	6.89	79	208868	37.61	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.01	45	301638	31.85	ng		79
17) 2-Methylphenol	7.00	107	231156	36.38	ng		95
18) Hexachloroethane	7.23	117	105502	32.60	ng	#	84
19) n-Nitroso-di-n-propylamine	7.15	70	192714	36.23	ng		96
20) 3+4-Methylphenols	7.16	107	301778	39.05	ng	#	60
22) Acetophenone	7.15	105	374638	33.74	ng	#	89
24) Nitrobenzene	7.32	77	287691	32.84	ng	#	86
25) Isophorone	7.56	82	544959	34.47	ng	#	94
26) 2-Nitrophenol	7.64	139	148512	35.43	ng		91
27) 2,4-Dimethylphenol	7.69	122	266181	35.35	ng		95
28) bis(2-Chloroethoxy)methane	7.77	93	316008	34.07	ng		99
29) 2,4-Dichlorophenol	7.88	162	235915	37.06	ng		100
30) 1,2,4-Trichlorobenzene	7.96	180	244579	34.23	ng		96
31) Naphthalene	8.03	128	776192	32.67	ng		99
32) Benzoic acid	7.82	122	145163	26.28	ng		97
33) 4-Chloroaniline	8.10	127	61301	6.39	ng		97
34) Hexachlorobutadiene	8.16	225	121078	31.52	ng		99
35) Caprolactam	8.46	113	74697m	36.99	ng		
36) 4-Chloro-3-methylphenol	8.59	107	257378	35.97	ng		98
37) 2-Methylnaphthalene	8.73	142	546681	35.23	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	219870	31.31	ng		99
40) Hexachlorocyclopentadiene	8.88	237	135166	59.67	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	145123	32.19	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	157171	34.33	ng	#	86
45) 1,1'-Biphenyl	9.20	154	624257	30.99	ng		94
46) 2-Chloronaphthalene	9.22	162	494601	33.87	ng		98
47) 2-Nitroaniline	9.32	65	157063	36.76	ng		98
48) Acenaphthylene	9.63	152	808892	34.58	ng		99
49) Dimethylphthalate	9.49	163	557745	32.21	ng		100
50) 2,6-Dinitrotoluene	9.56	165	118784	32.43	ng		98
51) Acenaphthene	9.80	154	469387	33.74	ng		99
52) 3-Nitroaniline	9.73	138	44967	10.18	ng		99
53) 2,4-Dinitrophenol	9.85	184	110039	53.31	ng	#	87
54) Dibenzofuran	9.97	168	662959	36.09	ng		100
55) 4-Nitrophenol	9.92	139	136010	52.25	ng		97
56) 2,4-Dinitrotoluene	9.97	165	158343	34.21	ng	#	63
57) Fluorene	10.32	166	544369	34.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	125741	36.89	ng		96
59) Diethylphthalate	10.19	149	553464	31.67	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	241911	33.09	ng		97
61) 4-Nitroaniline	10.35	138	137747	31.68	ng		94
62) Azobenzene	10.46	77	624832	37.33	ng		99
64) 4,6-Dinitro-2-methylphenol	10.38	198	83203	32.42	ng	#	68
65) n-Nitrosodiphenylamine	10.43	169	483130	36.48	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	154910	35.83	ng		95
67) Hexachlorobenzene	10.86	284	165865	37.10	ng		99
68) Atrazine	10.96	200	124407	29.07	ng		96
69) Pentachlorophenol	11.06	266	119572	57.07	ng		98
70) Phenanthrene	11.28	178	815216	35.29	ng		99
71) Anthracene	11.32	178	748189	30.92	ng		99
72) Carbazole	11.48	167	643511	30.93	ng		99
73) Di-n-butylphthalate	11.81	149	905719	35.14	ng		100
74) Fluoranthene	12.45	202	736882	30.67	ng		99
76) Benzidine	12.59	184	88796	7.72	ng		97
77) Pyrene	12.68	202	745581	32.45	ng		99
79) Butylbenzylphthalate	13.30	149	361124	34.91	ng	#	70
80) Benzo(a)anthracene	13.87	228	608749	31.68	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	93568	6.67	ng		99
82) Chrysene	13.90	228	582539	31.47	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	474389	34.55	ng		99
84) Di-n-octyl phthalate	14.48	149	831110	37.91	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	458448	30.52	ng		99
87) Benzo(b)fluoranthene	14.89	252	521121m	34.41	ng		
88) Benzo(k)fluoranthene	14.91	252	487166m	36.32	ng		
89) Benzo(a)pyrene	15.22	252	466597	34.77	ng		99
90) Dibenzo(a,h)anthracene	16.61	278	384786	35.64	ng		97
91) Benzo(g,h,i)perylene	17.01	276	375834	35.97	ng	#	93

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

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