Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085670.D
Acq On : 22 Mar 2016 20:39
Operator : UM/SJ
Sample : PB89080BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89080BS

Manual Integrations APPROVED
Sohil
3/23/2016 1:30:12 PM

Quant Time: Mar 23 01:45:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	123895	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	501952	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	253243	20.00	ng		-0.02
63) Phenanthrene-d10	11.35	188	482254	20.00	ng		-0.03
75) Chrysene-d12	13.99	240	392810	20.00	ng		-0.02
86) Perylene-d12	15.41	264	267394	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	862096	116.88	ng		-0.01
7) Phenol-d6	6.47	99	1099180	116.19	ng		-0.02
23) Nitrobenzene-d5	7.40	82	719565	83.21	ng		-0.03
41) 2,4,6-Tribromophenol	10.66	330	292386	117.87	ng		-0.02
44) 2-Fluorobiphenyl	9.20	172	1345922	92.79	ng		-0.02
78) Terphenyl-d14	12.94	244	1288472	78.93	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	111915	31.21	ng		99
3) Pyridine	3.21	79	325288	36.95	ng		95
4) n-Nitrosodimethylamine	3.17	42	139184	37.87	ng		97
6) Aniline	6.49	93	208748	16.43	ng	#	78
8) 2-Chlorophenol	6.62	128	356927	41.83	ng		99
9) Benzaldehyde	6.38	77	51702	8.71	ng		94
10) Phenol	6.48	94	366267	33.99	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	331321	40.79	ng		99
12) 1,3-Dichlorobenzene	6.77	146	344026m	37.00	ng		
13) 1,4-Dichlorobenzene	6.85	146	349041	36.80	ng		99
14) 1,2-Dichlorobenzene	7.01	146	338446	40.19	ng		98
15) Benzyl Alcohol	6.97	79	273877	42.27	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	411185	38.49	ng		97
17) 2-Methylphenol	7.10	107	300036	42.42	ng		99
18) Hexachloroethane	7.34	117	131605	38.43	ng	#	80
19) n-Nitroso-di-n-propylamine	7.25	70	228048	40.35	ng		93
20) 3+4-Methylphenols	7.25	107	328934	40.15	ng		96
22) Acetophenone	7.25	105	437854	36.76	ng	#	98
24) Nitrobenzene	7.42	77	370078	39.10	ng		96
25) Isophorone	7.66	82	682899	39.44	ng		98
26) 2-Nitrophenol	7.74	139	201173	43.00	ng		98
27) 2,4-Dimethylphenol	7.77	122	325106	39.30	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	444507	45.14	ng		100
29) 2,4-Dichlorophenol	7.98	162	296151	43.35	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	289682	37.86	ng		98
31) Naphthalene	8.14	128	966323	38.14	ng		100
32) Benzoic acid	7.91	122	216264	31.27	ng		93
33) 4-Chloroaniline	8.20	127	74603	7.18	ng		98
34) Hexachlorobutadiene	8.26	225	153440	37.62	ng		98
35) Caprolactam	8.56	113	103728m	44.13	ng		
36) 4-Chloro-3-methylphenol	8.69	107	355539	44.56	ng		92
37) 2-Methylnaphthalene	8.84	142	701781	45.44	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	259458	33.78	ng		97
40) Hexachlorocyclopentadiene	8.98	237	254522	73.51	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	198238	37.70	ng		100
43) 2,4,5-Trichlorophenol	9.16	196	213035	39.81	ng	#	85
45) 1,1'-Biphenyl	9.29	154	746069	34.15	ng		99
46) 2-Chloronaphthalene	9.32	162	599561	37.57	ng	#	90
47) 2-Nitroaniline	9.42	65	197344	40.88	ng		99
48) Acenaphthylene	9.74	152	1056421	40.91	ng		100
49) Dimethylphthalate	9.60	163	741495	38.80	ng		100
50) 2,6-Dinitrotoluene	9.66	165	157249	38.98	ng		96
51) Acenaphthene	9.91	154	638002	39.37	ng		99
52) 3-Nitroaniline	9.83	138	65425	12.95	ng		88
53) 2,4-Dinitrophenol	9.94	184	185089	74.89	ng	#	72
54) Dibenzofuran	10.08	168	891798	45.19	ng		99
55) 4-Nitrophenol	10.00	139	280533	71.84	ng		98
56) 2,4-Dinitrotoluene	10.07	165	237397	44.94	ng	#	76
57) Fluorene	10.42	166	692274	42.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	161782	41.99	ng		99
59) Diethylphthalate	10.30	149	739657	38.93	ng		98
60) 4-Chlorophenyl-phenylether	10.41	204	312137	38.86	ng		96
61) 4-Nitroaniline	10.45	138	184539	37.05	ng		91
62) Azobenzene	10.57	77	793333	43.51	ng		98
64) 4,6-Dinitro-2-methylphenol	10.48	198	120206	38.95	ng	#	53
65) n-Nitrosodiphenylamine	10.54	169	645374	42.96	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	212197	44.05	ng		92
67) Hexachlorobenzene	10.97	284	226891	44.33	ng		94
68) Atrazine	11.06	200	218961	47.87	ng		99
69) Pentachlorophenol	11.17	266	241675	77.77	ng		99
70) Phenanthrene	11.38	178	1114563	43.83	ng		99
71) Anthracene	11.43	178	976862	36.64	ng		99
72) Carbazole	11.59	167	1009978	43.91	ng		99
73) Di-n-butylphthalate	11.92	149	1247446	43.31	ng		99
74) Fluoranthene	12.56	202	1011758	38.00	ng		97
76) Benzidine	12.69	184	273800	20.73	ng		98
77) Pyrene	12.79	202	1004941	35.63	ng		99
79) Butylbenzylphthalate	13.41	149	474850	35.32	ng	#	75
80) Benzo(a)anthracene	13.98	228	908868	39.86	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	135924	16.26	ng	#	94
82) Chrysene	14.01	228	693594	31.62	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	606332	36.30	ng	#	97
84) Di-n-octyl phthalate	14.57	149	1054840	38.75	ng		98
85) Indeno(1,2,3-cd)pyrene	16.79	276	580368	31.66	ng		99
87) Benzo(b)fluoranthene	15.00	252	831679m	47.67	ng		
88) Benzo(k)fluoranthene	15.03	252	549164m	38.20	ng		
89) Benzo(a)pyrene	15.35	252	625133	42.26	ng		98
90) Dibenzo(a,h)anthracene	16.80	278	486669	39.45	ng		99
91) Benzo(g,h,i)perylene	17.20	276	476216	39.88	ng		97

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

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