Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085619.D
Acq On : 21 Mar 2016 13:48
Operator : UM/SJ
Sample : PB89054BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89054BS

Manual Integrations APPROVED
Sohil
3/22/2016 5:33:27 PM

Quant Time: Mar 22 01:21:37 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	6.85	152	120645	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	504587	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	229635	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	424953	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	315615	20.00	ng		-0.01
86) Perylene-d12	15.42	264	216152	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	864648	120.38	ng		0.00
7) Phenol-d6	6.48	99	1037636	112.64	ng		-0.01
23) Nitrobenzene-d5	7.41	82	666513	76.67	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	288826	128.40	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1203347	91.00	ng		-0.02
78) Terphenyl-d14	12.95	244	1114110	84.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	114841	32.89	ng		100
3) Pyridine	3.25	79	295661	34.48	ng		99
4) n-Nitrosodimethylamine	3.19	42	142835	39.91	ng		99
6) Aniline	6.50	93	251130	20.30	ng		98
8) 2-Chlorophenol	6.63	128	345400	41.57	ng		99
9) Benzaldehyde	6.39	77	68415	12.66	ng		91
10) Phenol	6.49	94	412860	39.35	ng		100
11) bis(2-Chloroethyl)ether	6.58	93	331110	41.86	ng		96
12) 1,3-Dichlorobenzene	6.78	146	337425m	37.26	ng		
13) 1,4-Dichlorobenzene	6.86	146	350872	37.99	ng		97
14) 1,2-Dichlorobenzene	7.02	146	319427	38.95	ng		96
15) Benzyl Alcohol	6.98	79	257983	40.88	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	397593	38.22	ng		98
17) 2-Methylphenol	7.10	107	274423	39.84	ng		99
18) Hexachloroethane	7.35	117	132080	39.61	ng	#	82
19) n-Nitroso-di-n-propylamine	7.26	70	200732	36.48	ng		94
20) 3+4-Methylphenols	7.26	107	323858	40.60	ng		93
22) Acetophenone	7.26	105	423995	35.41	ng	#	97
24) Nitrobenzene	7.43	77	379367	39.87	ng		92
25) Isophorone	7.67	82	653690	37.56	ng		96
26) 2-Nitrophenol	7.75	139	185233	39.39	ng	#	88
27) 2,4-Dimethylphenol	7.78	122	304028	36.56	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	384315	38.82	ng		98
29) 2,4-Dichlorophenol	7.99	162	282408	41.12	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	285585	37.13	ng		97
31) Naphthalene	8.15	128	941370	36.96	ng		99
32) Benzoic acid	7.91	122	175300	25.21	ng		88
33) 4-Chloroaniline	8.20	127	102681	9.84	ng	#	93
34) Hexachlorobutadiene	8.26	225	146389	35.71	ng		99
35) Caprolactam	8.57	113	93374m	39.52	ng		
36) 4-Chloro-3-methylphenol	8.69	107	297351	37.07	ng		98
37) 2-Methylnaphthalene	8.85	142	657069	42.32	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	241302	34.64	ng		98
40) Hexachlorocyclopentadiene	9.00	237	238291	75.90	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	188493	39.53	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	198376	40.88	ng	#	94
45) 1,1'-Biphenyl	9.30	154	701144	35.39	ng		98
46) 2-Chloronaphthalene	9.33	162	553149	38.23	ng		92
47) 2-Nitroaniline	9.43	65	191893	43.84	ng		90
48) Acenaphthylene	9.75	152	957684	40.90	ng		99
49) Dimethylphthalate	9.61	163	710852	41.02	ng		99
50) 2,6-Dinitrotoluene	9.67	165	143152	39.13	ng		96
51) Acenaphthene	9.92	154	641606	43.66	ng		100
52) 3-Nitroaniline	9.84	138	83210	18.16	ng		81
53) 2,4-Dinitrophenol	9.94	184	133242	59.46	ng		98
54) Dibenzofuran	10.09	168	825279	46.12	ng		97
55) 4-Nitrophenol	10.00	139	242335	68.44	ng		89
56) 2,4-Dinitrotoluene	10.08	165	202328	42.24	ng		98
57) Fluorene	10.44	166	628840	42.16	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	149191	42.70	ng		99
59) Diethylphthalate	10.31	149	685953	39.82	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	297921	40.91	ng		92
61) 4-Nitroaniline	10.46	138	174435	38.62	ng		92
62) Azobenzene	10.58	77	723407	43.76	ng		98
64) 4,6-Dinitro-2-methylphenol	10.48	198	92072	33.86	ng		94
65) n-Nitrosodiphenylamine	10.54	169	545812	41.23	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	181894	42.85	ng		91
67) Hexachlorobenzene	10.98	284	191136	42.38	ng	#	91
68) Atrazine	11.08	200	195964	48.62	ng		98
69) Pentachlorophenol	11.18	266	191780	70.04	ng		99
70) Phenanthrene	11.40	178	961895	42.93	ng		99
71) Anthracene	11.44	178	888034	37.80	ng		99
72) Carbazole	11.60	167	856595	42.26	ng		98
73) Di-n-butylphthalate	11.93	149	1060609	41.79	ng		99
74) Fluoranthene	12.57	202	843132	35.94	ng		98
76) Benzidine	12.70	184	205163	19.33	ng		98
77) Pyrene	12.80	202	845784	37.32	ng		99
79) Butylbenzylphthalate	13.42	149	386845	35.81	ng	#	73
80) Benzo(a)anthracene	13.99	228	691892	37.76	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	86115	12.82	ng	#	96
82) Chrysene	14.03	228	560802	31.81	ng		100
83) Bis(2-ethylhexyl)phthalate	13.98	149	460021	34.28	ng	#	99
84) Di-n-octyl phthalate	14.60	149	756413	34.59	ng		98
85) Indeno(1,2,3-cd)pyrene	16.81	276	538224	36.54	ng		99
87) Benzo(b)fluoranthene	15.02	252	584252m	41.42	ng		
88) Benzo(k)fluoranthene	15.04	252	464550m	39.98	ng		
89) Benzo(a)pyrene	15.36	252	491409	41.10	ng		99
90) Dibenzo(a,h)anthracene	16.83	278	450758	45.20	ng	#	96
91) Benzo(g,h,i)perylene	17.24	276	465088	48.18	ng		96

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

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