Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087426.D
Acq On : 27 May 2016 1:17
Operator : UM/SJ
Sample : PB90917BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90917BS

Manual Integrations APPROVED
sohil
5/27/2016 7:38:01 PM

Quant Time: May 27 03:41:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	96131	20.00	ng		-0.01
21) Naphthalene-d8	9.53	136	396549	20.00	ng		-0.02
38) Acenaphthene-d10	12.37	164	184646	20.00	ng		-0.02
63) Phenanthrene-d10	14.77	188	363521	20.00	ng		-0.01
75) Chrysene-d12	18.47	240	284924	20.00	ng		-0.01
86) Perylene-d12	20.14	264	206631	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	746485	136.45	ng		0.01
7) Phenol-d6	7.06	99	923978	124.99	ng		-0.01
23) Nitrobenzene-d5	8.42	82	646147	82.12	ng		-0.02
41) 2,4,6-Tribromophenol	13.67	330	223465	125.94	ng		-0.01
44) 2-Fluorobiphenyl	11.31	172	1089753	83.20	ng		-0.02
78) Terphenyl-d14	17.12	244	1064610	79.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.91	88	90933	31.50	ng	#	66
3) Pyridine	2.49	79	242120	38.37	ng	#	66
4) n-Nitrosodimethylamine	2.46	42	212021	43.60	ng	#	43
6) Aniline	7.02	93	249546	26.09	ng		92
8) 2-Chlorophenol	7.19	128	288645	42.31	ng		91
9) Benzaldehyde	6.86	77	35058	8.59	ng		97
10) Phenol	7.08	94	357759	44.32	ng		86
11) bis(2-Chloroethyl)ether	7.15	93	272218	41.66	ng		90
12) 1,3-Dichlorobenzene	7.40	146	300976	40.45	ng	#	96
13) 1,4-Dichlorobenzene	7.53	146	307896	40.30	ng		94
14) 1,2-Dichlorobenzene	7.76	146	293985	41.60	ng		97
15) Benzyl Alcohol	7.82	79	240956	44.71	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.01	45	551734	37.53	ng		97
17) 2-Methylphenol	8.02	107	234671	42.92	ng	#	87
18) Hexachloroethane	8.28	117	118180	41.47	ng	#	91
19) n-Nitroso-di-n-propylamine	8.23	70	231816	42.05	ng	#	72
20) 3+4-Methylphenols	8.28	107	295143	44.65	ng	#	59
22) Acetophenone	8.19	105	413237	43.62	ng	#	98
24) Nitrobenzene	8.46	77	333510	40.15	ng		96
25) Isophorone	8.84	82	569645	40.37	ng		98
26) 2-Nitrophenol	8.96	139	147143	43.34	ng	#	74
27) 2,4-Dimethylphenol	9.11	122	260311	44.17	ng		89
28) bis(2-Chloroethoxy)methane	9.23	93	342665	43.11	ng		99
29) 2,4-Dichlorophenol	9.38	162	232402	43.75	ng		99
30) 1,2,4-Trichlorobenzene	9.46	180	248946	40.94	ng		97
31) Naphthalene	9.56	128	829661	41.75	ng		99
32) Benzoic acid	9.43	122	122179	41.20	ng	#	79
33) 4-Chloroaniline	9.74	127	97391	13.31	ng	#	93
34) Hexachlorobutadiene	9.78	225	143233	38.75	ng		99
35) Caprolactam	10.33	113	74517m	48.07	ng		
36) 4-Chloro-3-methylphenol	10.59	107	273427	45.53	ng		94
37) 2-Methylnaphthalene	10.70	142	537704	43.32	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	232389	39.32	ng		98
40) Hexachlorocyclopentadiene	10.95	237	170925	71.42	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	137973	40.44	ng		95
43) 2,4,5-Trichlorophenol	11.29	196	141018	40.59	ng	#	91
45) 1,1'-Biphenyl	11.46	154	656117	42.20	ng		97
46) 2-Chloronaphthalene	11.48	162	495816	41.69	ng		97
47) 2-Nitroaniline	11.70	65	201662	47.06	ng	#	81
48) Acenaphthylene	12.14	152	793677	42.15	ng		99
49) Dimethylphthalate	12.02	163	619483	41.88	ng		100
50) 2,6-Dinitrotoluene	12.11	165	129978	43.61	ng	#	80
51) Acenaphthene	12.42	154	488963	42.25	ng		98
52) 3-Nitroaniline	12.39	138	66837	21.85	ng		89
53) 2,4-Dinitrophenol	12.58	184	121704	79.80	ng	#	82
54) Dibenzofuran	12.71	168	736210	46.98	ng		95
55) 4-Nitrophenol	12.78	139	113529	77.81	ng	#	39
56) 2,4-Dinitrotoluene	12.78	165	182114	45.72	ng	#	90
57) Fluorene	13.26	166	586522	43.17	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	126258	47.24	ng		99
59) Diethylphthalate	13.17	149	605192	42.08	ng		99
60) 4-Chlorophenyl-phenylether	13.29	204	273620	41.29	ng		90
61) 4-Nitroaniline	13.38	138	123200	43.15	ng	#	64
62) Azobenzene	13.54	77	718720	48.18	ng		85
64) 4,6-Dinitro-2-methylphenol	13.44	198	93104	40.28	ng	#	64
65) n-Nitrosodiphenylamine	13.50	169	502767	42.77	ng		99
66) 4-Bromophenyl-phenylether	14.07	248	158900	39.96	ng		96
67) Hexachlorobenzene	14.14	284	165774	39.86	ng	#	64
68) Atrazine	14.42	200	149624	39.93	ng		93
69) Pentachlorophenol	14.51	266	79810	63.15	ng		99
70) Phenanthrene	14.81	178	856905	42.56	ng		99
71) Anthracene	14.89	178	880053	43.26	ng		99
72) Carbazole	15.18	167	778038	44.85	ng		98
73) Di-n-butylphthalate	15.76	149	921953	41.09	ng		99
74) Fluoranthene	16.56	202	879550	43.56	ng		97
76) Benzidine	16.80	184	136184	18.58	ng		97
77) Pyrene	16.87	202	885308	43.17	ng		99
79) Butylbenzylphthalate	17.78	149	373328	41.05	ng	#	73
80) Benzo(a)anthracene	18.45	228	708327	43.71	ng		99
81) 3,3'-Dichlorobenzidine	18.43	252	123146	13.75	ng		99
82) Chrysene	18.49	228	693451	43.11	ng		99
83) Bis(2-ethylhexyl)phthalate	18.53	149	490275	36.94	ng	#	95
84) Di-n-octyl phthalate	19.30	149	726113	35.88	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.35	276	507443	39.35	ng		94
87) Benzo(b)fluoranthene	19.73	252	563392	42.80	ng	#	93
88) Benzo(k)fluoranthene	19.75	252	551312m	48.66	ng		
89) Benzo(a)pyrene	20.07	252	504582	44.32	ng	#	96
90) Dibenzo(a,h)anthracene	21.36	278	426312	43.91	ng	#	93
91) Benzo(g,h,i)perylene	21.70	276	419239	43.76	ng	#	90

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

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