Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088187.D
Acq On : 20 Jun 2016 22:50
Operator : UM/SJ
Sample : PB91325BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91325BS

Manual Integrations APPROVED
sohil
6/21/2016 4:23:00 PM

Quant Time: Jun 21 01:39:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	83913	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	342553	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	166957	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	310292	20.00	ng		0.00
75) Chrysene-d12	13.81	240	222146	20.00	ng		0.00
86) Perylene-d12	15.18	264	209216	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	566023	115.31	ng		0.01
7) Phenol-d6	6.33	99	712269	119.73	ng		0.00
23) Nitrobenzene-d5	7.24	82	482771	82.30	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	173385	98.35	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	935171	88.20	ng		0.00
78) Terphenyl-d14	12.77	244	861494	88.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	78248	32.81	ng	#	39
3) Pyridine	2.87	79	209093	37.13	ng		93
4) n-Nitrosodimethylamine	2.82	42	90521	37.96	ng		80
6) Aniline	6.33	93	142666	16.85	ng	#	29
8) 2-Chlorophenol	6.46	128	250431	43.10	ng		92
10) Phenol	6.34	94	306427	50.18	ng		91
11) bis(2-Chloroethyl)ether	6.41	93	214886	41.20	ng		91
12) 1,3-Dichlorobenzene	6.60	146	254707	40.86	ng		98
13) 1,4-Dichlorobenzene	6.68	146	266577	42.45	ng		98
14) 1,2-Dichlorobenzene	6.83	146	224862m	39.38	ng		
15) Benzyl Alcohol	6.82	79	163797	35.20	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	249934	35.47	ng		70
17) 2-Methylphenol	6.95	107	199926	42.43	ng		97
18) Hexachloroethane	7.18	117	94851	42.57	ng		91
19) n-Nitroso-di-n-propylamine	7.10	70	162535	42.71	ng	#	86
20) 3+4-Methylphenols	7.11	107	261348	47.54	ng	#	75
22) Acetophenone	7.08	105	317071	41.42	ng	#	98
24) Nitrobenzene	7.26	77	227961	40.12	ng		91
25) Isophorone	7.50	82	441593	40.64	ng		99
26) 2-Nitrophenol	7.58	139	139006	45.67	ng	#	85
27) 2,4-Dimethylphenol	7.63	122	225000	40.15	ng		100
28) bis(2-Chloroethoxy)methane	7.71	93	282617	41.94	ng	#	96
29) 2,4-Dichlorophenol	7.83	162	214253	45.79	ng		94
30) 1,2,4-Trichlorobenzene	7.90	180	205662	40.36	ng		99
31) Naphthalene	7.98	128	718191	42.37	ng		99
32) Benzoic acid	7.77	122	92935	30.11	ng		91
33) 4-Chloroaniline	8.03	127	94216	12.45	ng		97
34) Hexachlorobutadiene	8.09	225	108405	40.34	ng		98
35) Caprolactam	8.41	113	67974m	43.85	ng		
36) 4-Chloro-3-methylphenol	8.54	107	224562	44.87	ng		100
37) 2-Methylnaphthalene	8.66	142	459396	41.12	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	197135	45.56	ng	#	1
40) Hexachlorocyclopentadiene	8.82	237	128736	47.80	ng		99
42) 2,4,6-Trichlorophenol	8.96	196	128594	38.52	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	142759	41.10	ng		98
45) 1,1'-Biphenyl	9.13	154	567291	45.31	ng		98
46) 2-Chloronaphthalene	9.15	162	441441	40.86	ng		99
47) 2-Nitroaniline	9.26	65	121032	37.98	ng		91
48) Acenaphthylene	9.56	152	665597	38.73	ng		99
49) Dimethylphthalate	9.44	163	519784	42.98	ng		100
50) 2,6-Dinitrotoluene	9.51	165	123022	44.42	ng	#	83
51) Acenaphthene	9.74	154	415054	38.72	ng		99
52) 3-Nitroaniline	9.67	138	60146	18.82	ng		94
53) 2,4-Dinitrophenol	9.78	184	78191	56.10	ng		98
54) Dibenzofuran	9.91	168	558720	37.84	ng	#	89
55) 4-Nitrophenol	9.86	139	130984	52.80	ng	#	75
56) 2,4-Dinitrotoluene	9.91	165	147839	41.53	ng	#	60
57) Fluorene	10.25	166	471823	47.57	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.03	232	115465	42.30	ng	#	57
59) Diethylphthalate	10.14	149	548930	44.84	ng		100
60) 4-Chlorophenyl-phenylether	10.24	204	188082	38.31	ng		90
61) 4-Nitroaniline	10.28	138	117796	38.86	ng		98
62) Azobenzene	10.40	77	498022	41.14	ng		95
64) 4,6-Dinitro-2-methylphenol	10.32	198	68981	36.17	ng	#	63
65) n-Nitrosodiphenylamine	10.36	169	422537	41.04	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	139657	41.95	ng	#	92
67) Hexachlorobenzene	10.80	284	146080	42.23	ng	#	71
68) Atrazine	10.90	200	143650	46.07	ng		96
69) Pentachlorophenol	10.99	266	96583	52.97	ng		98
70) Phenanthrene	11.21	178	708857	43.54	ng		98
71) Anthracene	11.26	178	687572	41.86	ng		100
72) Carbazole	11.42	167	651134	42.37	ng		100
73) Di-n-butylphthalate	11.75	149	780569	40.12	ng		100
74) Fluoranthene	12.39	202	736277	42.85	ng		98
76) Benzidine	12.51	184	216912	35.26	ng		97
77) Pyrene	12.62	202	761098	46.17	ng		99
79) Butylbenzylphthalate	13.23	149	339548	46.59	ng	#	84
80) Benzo(a)anthracene	13.79	228	543287	42.92	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	114763	33.71	ng	#	93
82) Chrysene	13.84	228	624152	52.41	ng		98
83) Bis(2-ethylhexyl)phthalate	13.79	149	420725	47.42	ng		99
84) Di-n-octyl phthalate	14.40	149	843105	58.48	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.47	276	497516	44.96	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	696561m	47.77	ng		
88) Benzo(k)fluoranthene	14.83	252	395832m	35.98	ng		
89) Benzo(a)pyrene	15.13	252	529944	44.92	ng	#	94
90) Dibenzo(a,h)anthracene	16.48	278	419403	38.28	ng		95
91) Benzo(g,h,i)perylene	16.86	276	430410	38.19	ng		97

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

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