Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087422.D
Acq On : 26 May 2016 23:00
Operator : UM/SJ
Sample : PB90911BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90911BS

Manual Integrations APPROVED
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5/27/2016 7:37:41 PM

Quant Time: May 27 02:28:57 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	99925	20.00	ng		-0.01
21) Naphthalene-d8	9.53	136	406715	20.00	ng		-0.02
38) Acenaphthene-d10	12.36	164	192030	20.00	ng		-0.02
63) Phenanthrene-d10	14.77	188	374654	20.00	ng		-0.01
75) Chrysene-d12	18.47	240	288165	20.00	ng		-0.01
86) Perylene-d12	20.13	264	214309	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	499092	87.76	ng		0.01
7) Phenol-d6	7.06	99	637491	82.96	ng		-0.01
23) Nitrobenzene-d5	8.42	82	629745	78.04	ng		-0.02
41) 2,4,6-Tribromophenol	13.67	330	146694	79.49	ng		-0.01
44) 2-Fluorobiphenyl	11.31	172	1073335	78.80	ng		-0.02
78) Terphenyl-d14	17.12	244	1043039	76.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	98308	32.76	ng	#	61
3) Pyridine	2.48	79	244002	37.20	ng	#	62
4) n-Nitrosodimethylamine	2.46	42	226141	44.74	ng	#	48
6) Aniline	7.02	93	240269	24.17	ng		90
8) 2-Chlorophenol	7.19	128	297038	41.88	ng		91
9) Benzaldehyde	6.86	77	35273	8.31	ng		96
10) Phenol	7.07	94	372823	44.43	ng		71
11) bis(2-Chloroethyl)ether	7.14	93	288435	42.47	ng		84
12) 1,3-Dichlorobenzene	7.40	146	308696	39.91	ng	#	94
13) 1,4-Dichlorobenzene	7.53	146	316818	39.90	ng	#	93
14) 1,2-Dichlorobenzene	7.76	146	299794	40.81	ng		96
15) Benzyl Alcohol	7.80	79	247178	44.12	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.01	45	566484	37.07	ng		98
17) 2-Methylphenol	8.02	107	239474	42.14	ng	#	87
18) Hexachloroethane	8.28	117	119522	40.35	ng	#	89
19) n-Nitroso-di-n-propylamine	8.23	70	240062	41.89	ng	#	74
20) 3+4-Methylphenols	8.28	107	304456	44.31	ng	#	60
22) Acetophenone	8.19	105	431011	44.36	ng	#	97
24) Nitrobenzene	8.44	77	348101	40.86	ng		95
25) Isophorone	8.84	82	583804	40.34	ng	#	98
26) 2-Nitrophenol	8.96	139	149838	43.03	ng	#	74
27) 2,4-Dimethylphenol	9.11	122	266663	44.12	ng		89
28) bis(2-Chloroethoxy)methane	9.23	93	354279	43.46	ng		99
29) 2,4-Dichlorophenol	9.38	162	240880	44.22	ng		99
30) 1,2,4-Trichlorobenzene	9.46	180	255611	40.99	ng		97
31) Naphthalene	9.56	128	844560	41.44	ng		99
32) Benzoic acid	9.42	122	122810	40.49	ng	#	71
33) 4-Chloroaniline	9.74	127	82749	11.02	ng	#	91
34) Hexachlorobutadiene	9.78	225	147519	38.92	ng		99
35) Caprolactam	10.33	113	74320m	46.74	ng		
36) 4-Chloro-3-methylphenol	10.59	107	281938	45.78	ng		96
37) 2-Methylnaphthalene	10.70	142	549602	43.17	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	237775	38.68	ng		98
40) Hexachlorocyclopentadiene	10.95	237	162569	66.13	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	143907	40.56	ng		94
43) 2,4,5-Trichlorophenol	11.29	196	150227	41.58	ng	#	91
45) 1,1'-Biphenyl	11.46	154	681604	42.16	ng		97
46) 2-Chloronaphthalene	11.48	162	510465	41.27	ng		97
47) 2-Nitroaniline	11.70	65	206246	46.28	ng	#	79
48) Acenaphthylene	12.14	152	814911	41.61	ng		99
49) Dimethylphthalate	12.02	163	630458	40.98	ng		100
50) 2,6-Dinitrotoluene	12.11	165	132126	42.63	ng	#	77
51) Acenaphthene	12.42	154	504366	41.90	ng		97
52) 3-Nitroaniline	12.39	138	71868	22.59	ng		94
53) 2,4-Dinitrophenol	12.58	184	118781	75.30	ng	#	83
54) Dibenzofuran	12.71	168	746422	45.80	ng		95
55) 4-Nitrophenol	12.78	139	118474	78.07	ng	#	40
56) 2,4-Dinitrotoluene	12.78	165	187135	45.17	ng	#	91
57) Fluorene	13.26	166	604028	42.74	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	131508	47.31	ng		98
59) Diethylphthalate	13.16	149	621249	41.54	ng		100
60) 4-Chlorophenyl-phenylether	13.29	204	282513	41.00	ng		91
61) 4-Nitroaniline	13.38	138	128911	43.42	ng	#	62
62) Azobenzene	13.54	77	741030	47.76	ng		85
64) 4,6-Dinitro-2-methylphenol	13.44	198	96489	40.50	ng	#	67
65) n-Nitrosodiphenylamine	13.51	169	512712	42.32	ng		100
66) 4-Bromophenyl-phenylether	14.07	248	165297	40.33	ng		92
67) Hexachlorobenzene	14.14	284	172880	40.33	ng	#	61
68) Atrazine	14.42	200	159244	41.23	ng		94
69) Pentachlorophenol	14.50	266	92553	70.28	ng		96
70) Phenanthrene	14.81	178	897667	43.26	ng		99
71) Anthracene	14.89	178	912614	43.53	ng		99
72) Carbazole	15.18	167	811882	45.41	ng		98
73) Di-n-butylphthalate	15.76	149	937196	40.53	ng	#	98
74) Fluoranthene	16.56	202	902819	43.38	ng		97
76) Benzidine	16.80	184	132091	17.81	ng		98
77) Pyrene	16.87	202	921421	44.42	ng		100
79) Butylbenzylphthalate	17.78	149	377321	41.02	ng	#	75
80) Benzo(a)anthracene	18.45	228	715701	43.66	ng		99
81) 3,3'-Dichlorobenzidine	18.43	252	114473	12.64	ng		98
82) Chrysene	18.49	228	706056	43.40	ng		100
83) Bis(2-ethylhexyl)phthalate	18.53	149	492222	36.67	ng	#	95
84) Di-n-octyl phthalate	19.30	149	718512	35.10	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.35	276	555922	42.63	ng		94
87) Benzo(b)fluoranthene	19.73	252	582545	42.67	ng	#	94
88) Benzo(k)fluoranthene	19.75	252	539492m	45.91	ng		
89) Benzo(a)pyrene	20.07	252	537131	45.49	ng		97
90) Dibenzo(a,h)anthracene	21.36	278	463557	46.03	ng	#	94
91) Benzo(g,h,i)perylene	21.70	276	467040	47.01	ng	#	91

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

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