Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
Data File : BF089880.D
Acq On : 24 Aug 2016 17:48
Operator : UM/SJ
Sample : PB93077BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93077BS

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8/25/2016 6:49:45 PM

Quant Time: Aug 25 13:55:14 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	422247	20.00	ng		-0.01
21) Naphthalene-d8	7.95	136	1696644	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	764868	20.00	ng		-0.01
63) Phenanthrene-d10	11.19	188	1476300	20.00	ng		0.00
75) Chrysene-d12	13.82	240	1126682	20.00	ng		-0.06
86) Perylene-d12	15.22	264	967288	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	3202070	130.05	ng		-0.01
7) Phenol-d6	6.31	99	3806786	125.95	ng		-0.01
23) Nitrobenzene-d5	7.23	82	2203381	80.68	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	937712	129.00	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	3662703	84.16	ng		-0.01
78) Terphenyl-d14	12.78	244	3480749	69.89	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	406899	33.39	ng	#	95
3) Pyridine	2.82	79	1125112	35.20	ng		92
4) n-Nitrosodimethylamine	2.79	42	516132	43.38	ng	#	82
6) Aniline	6.33	93	1348107	33.25	ng	#	85
8) 2-Chlorophenol	6.46	128	1213130	41.20	ng	#	76
9) Benzaldehyde	6.20	77	269651	13.70	ng		86
10) Phenol	6.32	94	1214566	34.29	ng		84
11) bis(2-Chloroethyl)ether	6.41	93	1144901	41.68	ng		100
12) 1,3-Dichlorobenzene	6.60	146	1208762	39.27	ng		98
13) 1,4-Dichlorobenzene	6.68	146	1268317	40.08	ng		98
14) 1,2-Dichlorobenzene	6.84	146	1164897	39.44	ng		97
15) Benzyl Alcohol	6.82	79	925902	46.19	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1266301	36.02	ng		93
17) 2-Methylphenol	6.94	107	1034403	44.85	ng		96
18) Hexachloroethane	7.19	117	465536	41.25	ng		90
19) n-Nitroso-di-n-propylamine	7.10	70	778541	40.28	ng		91
20) 3+4-Methylphenols	7.10	107	1284306	45.42	ng	#	48
22) Acetophenone	7.08	105	1433850	36.80	ng	#	90
24) Nitrobenzene	7.26	77	1306045	42.62	ng		94
25) Isophorone	7.50	82	2195049	39.85	ng		98
26) 2-Nitrophenol	7.58	139	690888	45.19	ng		98
27) 2,4-Dimethylphenol	7.62	122	1223103	44.39	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	1382683	40.57	ng		98
29) 2,4-Dichlorophenol	7.82	162	1075829	46.53	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	995103	38.91	ng		98
31) Naphthalene	7.98	128	3259156	41.10	ng		98
32) Benzoic acid	7.74	122	589394	27.45	ng		99
33) 4-Chloroaniline	8.02	127	716774	20.85	ng	#	86
34) Hexachlorobutadiene	8.10	225	514683	38.43	ng		98
35) Caprolactam	8.40	113	299870m	42.59	ng		
36) 4-Chloro-3-methylphenol	8.51	107	1065541	42.56	ng		91
37) 2-Methylnaphthalene	8.67	142	2276676	44.38	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	715287	28.88	ng		98
40) Hexachlorocyclopentadiene	8.83	237	923477	107.39	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	669486	42.96	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	681228	43.96	ng		95
45) 1,1'-Biphenyl	9.13	154	2202914	37.22	ng		98
46) 2-Chloronaphthalene	9.15	162	1866869	39.90	ng		97
47) 2-Nitroaniline	9.26	65	624577	46.80	ng	#	66
48) Acenaphthylene	9.56	152	2928314	41.65	ng		99
49) Dimethylphthalate	9.45	163	2419926	44.93	ng	#	99
50) 2,6-Dinitrotoluene	9.50	165	491458	39.53	ng		91
51) Acenaphthene	9.74	154	2159337	46.41	ng		99
52) 3-Nitroaniline	9.67	138	433354	31.46	ng	#	65
53) 2,4-Dinitrophenol	9.77	184	513156	72.91	ng	#	78
54) Dibenzofuran	9.92	168	2815344	48.17	ng	#	87
55) 4-Nitrophenol	9.83	139	885580	78.76	ng		91
56) 2,4-Dinitrotoluene	9.90	165	650457	40.32	ng	#	69
57) Fluorene	10.25	166	1874098	40.24	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	569753	50.51	ng		97
59) Diethylphthalate	10.15	149	2398445	43.84	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	839882	39.53	ng		97
61) 4-Nitroaniline	10.27	138	593732	45.97	ng		95
62) Azobenzene	10.41	77	2320780	45.12	ng		94
64) 4,6-Dinitro-2-methylphenol	10.31	198	362208	42.70	ng	#	66
65) n-Nitrosodiphenylamine	10.38	169	2075914	44.72	ng		100
66) 4-Bromophenyl-phenylether	10.74	248	634795	41.01	ng	#	89
67) Hexachlorobenzene	10.80	284	686089	38.86	ng	#	88
68) Atrazine	10.90	200	531854	37.41	ng		95
69) Pentachlorophenol	10.99	266	727576	72.70	ng		98
70) Phenanthrene	11.21	178	3233305	43.36	ng		97
71) Anthracene	11.26	178	2933579	38.70	ng		99
72) Carbazole	11.42	167	3017455	44.39	ng		97
73) Di-n-butylphthalate	11.77	149	3693085	43.42	ng	#	97
74) Fluoranthene	12.39	202	2928598	41.29	ng		94
76) Benzidine	12.51	184	1350691	37.04	ng		97
77) Pyrene	12.62	202	3264533	35.58	ng		97
79) Butylbenzylphthalate	13.26	149	1744739	42.11	ng		98
80) Benzo(a)anthracene	13.81	228	2719330	42.15	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	692934	32.76	ng	#	93
82) Chrysene	13.84	228	2345888	42.41	ng		100
83) Bis(2-ethylhexyl)phthalate	13.83	149	2190889	38.38	ng		98
84) Di-n-octyl phthalate	14.47	149	3885959	51.23	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.50	276	2248361	31.86	ng		100
87) Benzo(b)fluoranthene	14.85	252	2951178m	55.46	ng		
88) Benzo(k)fluoranthene	14.88	252	1724079m	35.71	ng		
89) Benzo(a)pyrene	15.17	252	2116977	42.03	ng		98
90) Dibenzo(a,h)anthracene	16.51	278	1900032	34.76	ng		96
91) Benzo(g,h,i)perylene	16.88	276	1921539	33.38	ng		99

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

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