Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089742.D
Acq On : 17 Aug 2016 4:30
Operator : UM/SJ
Sample : PB92811BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

Manual Integrations APPROVED
sohil
8/17/2016 6:24:17 PM

Quant Time: Aug 17 06:58:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	764473	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	3079124	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	1512039	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	2808879	20.00	ng		0.01
75) Chrysene-d12	13.87	240	2255700	20.00	ng		-0.02
86) Perylene-d12	15.33	264	2054841	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	4196110	91.58	ng		0.01
7) Phenol-d6	6.34	99	5565948	95.51	ng		0.01
23) Nitrobenzene-d5	7.27	82	3598140	71.35	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	1608204	109.94	ng		0.01
44) 2-Fluorobiphenyl	9.07	172	5795436	61.50	ng		0.00
78) Terphenyl-d14	12.81	244	5429818	71.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	615474	26.02	ng		100
3) Pyridine	2.91	79	1785098	29.29	ng		97
4) n-Nitrosodimethylamine	2.88	42	820230	33.53	ng	#	89
6) Aniline	6.36	93	2328919	29.73	ng		99
8) 2-Chlorophenol	6.49	128	1890590	34.69	ng	#	78
9) Benzaldehyde	6.24	77	328301	8.50	ng		90
10) Phenol	6.35	94	2230712	30.75	ng		98
11) bis(2-Chloroethyl)ether	6.44	93	1835037	34.14	ng		98
12) 1,3-Dichlorobenzene	6.64	146	1818602	31.22	ng		98
13) 1,4-Dichlorobenzene	6.72	146	1962732	33.26	ng		98
14) 1,2-Dichlorobenzene	6.88	146	1742992	30.98	ng		97
15) Benzyl Alcohol	6.84	79	1317799	33.84	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2171826	30.80	ng		95
17) 2-Methylphenol	6.97	107	1654283	38.21	ng		95
18) Hexachloroethane	7.22	117	744914	34.44	ng		93
19) n-Nitroso-di-n-propylamine	7.13	70	1270396	33.29	ng		94
20) 3+4-Methylphenols	7.12	107	1774274	32.00	ng	#	82
22) Acetophenone	7.12	105	2215005	30.95	ng	#	94
24) Nitrobenzene	7.29	77	2131609	37.58	ng		93
25) Isophorone	7.53	82	3579492	35.48	ng		99
26) 2-Nitrophenol	7.61	139	990005	37.09	ng		94
27) 2,4-Dimethylphenol	7.66	122	1994813	39.43	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	2156905	35.18	ng		98
29) 2,4-Dichlorophenol	7.85	162	1687112	40.06	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	1529620	33.83	ng		98
31) Naphthalene	8.01	128	4808103	34.79	ng		95
32) Benzoic acid	7.78	122	1125176	28.61	ng		99
33) 4-Chloroaniline	8.06	127	1605161	25.10	ng	#	86
34) Hexachlorobutadiene	8.14	225	817958	34.44	ng		99
35) Caprolactam	8.43	113	520182m	40.07	ng		
36) 4-Chloro-3-methylphenol	8.55	107	1522113	33.20	ng		92
37) 2-Methylnaphthalene	8.71	142	3593805	38.20	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1085701	22.33	ng		98
40) Hexachlorocyclopentadiene	8.87	237	1683493	77.71	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1172073	37.33	ng		100
43) 2,4,5-Trichlorophenol	9.02	196	1089551	36.39	ng	#	91
45) 1,1'-Biphenyl	9.16	154	3528299	28.17	ng		99
46) 2-Chloronaphthalene	9.19	162	3032087	32.31	ng		98
47) 2-Nitroaniline	9.28	65	1037107	36.27	ng		96
48) Acenaphthylene	9.60	152	4754500	32.91	ng		97
49) Dimethylphthalate	9.48	163	3916961	35.80	ng	#	99
50) 2,6-Dinitrotoluene	9.53	165	853144	34.45	ng		87
51) Acenaphthene	9.77	154	3718498	38.15	ng		99
52) 3-Nitroaniline	9.69	138	753546	26.17	ng		96
53) 2,4-Dinitrophenol	9.80	184	1060050	95.49	ng	#	88
54) Dibenzofuran	9.95	168	4590177	38.26	ng	#	90
55) 4-Nitrophenol	9.86	139	1540858	69.57	ng		89
56) 2,4-Dinitrotoluene	9.93	165	1044423	32.81	ng	#	59
57) Fluorene	10.28	166	3038124	31.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	983909	42.08	ng		97
59) Diethylphthalate	10.18	149	3869649	34.88	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	1405349	29.53	ng		96
61) 4-Nitroaniline	10.31	138	1046114	37.42	ng		93
62) Azobenzene	10.44	77	4174374	39.82	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	651548	39.95	ng	#	64
65) n-Nitrosodiphenylamine	10.41	169	3455409	39.20	ng		97
66) 4-Bromophenyl-phenylether	10.78	248	1088823	37.43	ng	#	90
67) Hexachlorobenzene	10.83	284	1127566	34.87	ng	#	86
68) Atrazine	10.94	200	817062	30.60	ng		96
69) Pentachlorophenol	11.03	266	1422891	70.63	ng		98
70) Phenanthrene	11.24	178	5082996	36.82	ng		92
71) Anthracene	11.29	178	4733229	32.81	ng		96
72) Carbazole	11.45	167	5092852	37.26	ng		96
73) Di-n-butylphthalate	11.79	149	5540934	33.33	ng		97
74) Fluoranthene	12.42	202	4617933	33.29	ng		91
76) Benzidine	12.55	184	1977071	24.42	ng		99
77) Pyrene	12.65	202	5069462	34.34	ng		92
79) Butylbenzylphthalate	13.29	149	2498311	33.74	ng	#	85
80) Benzo(a)anthracene	13.86	228	4482324	34.20	ng		96
81) 3,3'-Dichlorobenzidine	13.83	252	1457859	30.53	ng		98
82) Chrysene	13.90	228	3810502	32.31	ng		96
83) Bis(2-ethylhexyl)phthalate	13.89	149	3623055	36.97	ng		96
84) Di-n-octyl phthalate	14.54	149	5664920	37.19	ng		96
85) Indeno(1,2,3-cd)pyrene	16.63	276	3807126	37.89	ng		99
87) Benzo(b)fluoranthene	14.94	252	5123656m	39.35	ng		
88) Benzo(k)fluoranthene	14.97	252	2900701m	27.07	ng		
89) Benzo(a)pyrene	15.27	252	3768295	35.06	ng		98
90) Dibenzo(a,h)anthracene	16.65	278	3143862	37.14	ng		98
91) Benzo(g,h,i)perylene	17.02	276	3102775	36.02	ng		97

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

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