Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089745.D
Acq On : 17 Aug 2016 5:49
Operator : UM/SJ
Sample : PB92884BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92884BSD

Manual Integrations APPROVED
sohil
8/17/2016 6:24:32 PM

Quant Time: Aug 17 07:03:33 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	683934	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	2779891	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	1332375	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	2492029	20.00	ng		0.01
75) Chrysene-d12	13.90	240	1925221	20.00	ng		0.00
86) Perylene-d12	15.38	264	1829804	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	5128711	125.12	ng		0.01
7) Phenol-d6	6.34	99	6281462	120.48	ng		0.01
23) Nitrobenzene-d5	7.27	82	3883778	85.31	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	1751569	135.89	ng		0.01
44) 2-Fluorobiphenyl	9.07	172	6068987	73.09	ng		0.00
78) Terphenyl-d14	12.81	244	5242198	81.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	685017	32.37	ng		97
3) Pyridine	2.94	79	2070775	37.97	ng		92
4) n-Nitrosodimethylamine	2.90	42	909761	41.57	ng	#	80
6) Aniline	6.36	93	2432662	34.71	ng	#	91
8) 2-Chlorophenol	6.49	128	2199269	45.11	ng		81
9) Benzaldehyde	6.24	77	577160	16.70	ng		90
10) Phenol	6.35	94	2119779	32.66	ng		92
11) bis(2-Chloroethyl)ether	6.44	93	1909587	39.71	ng		97
12) 1,3-Dichlorobenzene	6.64	146	1989920	38.18	ng		98
13) 1,4-Dichlorobenzene	6.72	146	2145085	40.63	ng		97
14) 1,2-Dichlorobenzene	6.88	146	1936486	38.47	ng		97
15) Benzyl Alcohol	6.86	79	1555707	44.65	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2363678	37.47	ng		94
17) 2-Methylphenol	6.97	107	1857435	47.95	ng		96
18) Hexachloroethane	7.22	117	805890	41.65	ng		91
19) n-Nitroso-di-n-propylamine	7.13	70	1370659	40.14	ng		95
20) 3+4-Methylphenols	7.12	107	2128915	42.91	ng	#	83
22) Acetophenone	7.12	105	2407281	37.25	ng	#	95
24) Nitrobenzene	7.29	77	2289916	44.71	ng		93
25) Isophorone	7.53	82	3951216	43.38	ng		99
26) 2-Nitrophenol	7.61	139	1135037	47.10	ng		98
27) 2,4-Dimethylphenol	7.66	122	2151293	47.10	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	2407716	43.50	ng		97
29) 2,4-Dichlorophenol	7.85	162	1839739	48.38	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	1689788	41.39	ng		98
31) Naphthalene	8.01	128	5179096	41.51	ng		95
32) Benzoic acid	7.79	122	1338374	37.69	ng		99
33) 4-Chloroaniline	8.06	127	1355795	23.48	ng	#	86
34) Hexachlorobutadiene	8.14	225	905580	42.23	ng		98
35) Caprolactam	8.44	113	631816m	53.91	ng		
36) 4-Chloro-3-methylphenol	8.55	107	1788015	43.19	ng		92
37) 2-Methylnaphthalene	8.71	142	4031615	47.47	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1159492	27.07	ng		98
40) Hexachlorocyclopentadiene	8.87	237	1848724	96.85	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1224447	44.25	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	1207699	45.78	ng		93
45) 1,1'-Biphenyl	9.18	154	4083266	37.00	ng		94
46) 2-Chloronaphthalene	9.19	162	3287295	39.76	ng		98
47) 2-Nitroaniline	9.29	65	1307355	51.89	ng	#	73
48) Acenaphthylene	9.60	152	5386213	42.31	ng		97
49) Dimethylphthalate	9.48	163	4450597	46.16	ng	#	98
50) 2,6-Dinitrotoluene	9.53	165	954808	43.76	ng	#	81
51) Acenaphthene	9.78	154	4162233	48.46	ng		98
52) 3-Nitroaniline	9.69	138	762154	30.04	ng		95
53) 2,4-Dinitrophenol	9.80	184	1056633	107.79	ng		97
54) Dibenzofuran	9.95	168	5166919	48.88	ng		95
55) 4-Nitrophenol	9.86	139	1754603	89.90	ng		87
56) 2,4-Dinitrotoluene	9.93	165	1319552	47.05	ng	#	56
57) Fluorene	10.28	166	3559253	41.68	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	1093517	53.07	ng		98
59) Diethylphthalate	10.18	149	4144171	42.40	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	1481825	35.34	ng		93
61) 4-Nitroaniline	10.32	138	1245242	50.55	ng		96
62) Azobenzene	10.44	77	4399966	47.64	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	733206	50.67	ng		80
65) n-Nitrosodiphenylamine	10.41	169	3718700	47.55	ng		97
66) 4-Bromophenyl-phenylether	10.78	248	1155450	44.77	ng	#	86
67) Hexachlorobenzene	10.83	284	1181670	41.19	ng	#	81
68) Atrazine	10.94	200	972148	41.04	ng		96
69) Pentachlorophenol	11.03	266	1448214	81.03	ng		97
70) Phenanthrene	11.24	178	5274263m	43.06	ng		
71) Anthracene	11.29	178	5677974	44.37	ng		97
72) Carbazole	11.45	167	5241026	43.22	ng		94
73) Di-n-butylphthalate	11.80	149	6424949	43.56	ng	#	98
74) Fluoranthene	12.42	202	4959005	40.29	ng		90
76) Benzidine	12.55	184	2666512	38.59	ng		99
77) Pyrene	12.65	202	5065168	40.20	ng		92
79) Butylbenzylphthalate	13.30	149	2761887	43.70	ng		88
80) Benzo(a)anthracene	13.87	228	5004145	44.74	ng		97
81) 3,3'-Dichlorobenzidine	13.85	252	1493422	36.64	ng	#	96
82) Chrysene	13.92	228	4012974	39.86	ng		95
83) Bis(2-ethylhexyl)phthalate	13.91	149	3899731	46.62	ng		96
84) Di-n-octyl phthalate	14.58	149	5907936	45.44	ng		98
85) Indeno(1,2,3-cd)pyrene	16.70	276	4270397	49.79	ng		100
87) Benzo(b)fluoranthene	14.99	252	4544397	39.20	ng		98
88) Benzo(k)fluoranthene	15.03	252	4418489m	46.30	ng		
89) Benzo(a)pyrene	15.33	252	4192257	43.80	ng		97
90) Dibenzo(a,h)anthracene	16.72	278	3527888	46.81	ng		96
91) Benzo(g,h,i)perylene	17.09	276	3484625	45.43	ng		95

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

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