Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089796.D
Acq On : 19 Aug 2016 15:36
Operator : UM/SJ
Sample : PB92924BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Manual Integrations APPROVED
umangi
8/19/2016 4:51:44 PM

Quant Time: Aug 19 16:40:21 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	6.68	152	572522	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	2257920	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	1045973	20.00	ng		0.01
63) Phenanthrene-d10	11.20	188	1900374	20.00	ng		0.01
75) Chrysene-d12	13.89	240	1207885	20.00	ng		0.01
86) Perylene-d12	15.36	264	1005914	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	3810621	114.14	ng		0.02
7) Phenol-d6	6.33	99	4902684	119.63	ng		0.01
23) Nitrobenzene-d5	7.26	82	3087239	84.94	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	1403753	141.22	ng		0.01
44) 2-Fluorobiphenyl	9.05	172	4795986	80.59	ng		0.00
78) Terphenyl-d14	12.79	244	4185919	78.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	570780	34.55	ng		98
3) Pyridine	2.90	79	1552534	35.83	ng		94
4) n-Nitrosodimethylamine	2.87	42	695088	43.08	ng	#	78
6) Aniline	6.34	93	1606105	29.22	ng	#	1
8) 2-Chlorophenol	6.47	128	1578135	39.53	ng		93
9) Benzaldehyde	6.23	77	467943m	17.53	ng		
10) Phenol	6.34	94	1938919	40.37	ng		99
11) bis(2-Chloroethyl)ether	6.43	93	1705416	45.79	ng		94
12) 1,3-Dichlorobenzene	6.63	146	1787691m	42.83	ng		
13) 1,4-Dichlorobenzene	6.71	146	1818366	42.38	ng		93
14) 1,2-Dichlorobenzene	6.86	146	1633536m	40.79	ng		
15) Benzyl Alcohol	6.83	79	1164556	42.85	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	2015742	42.29	ng		91
17) 2-Methylphenol	6.96	107	1442034	46.12	ng		94
18) Hexachloroethane	7.20	117	638455	41.72	ng	#	89
19) n-Nitroso-di-n-propylamine	7.12	70	1209775	46.16	ng	#	88
20) 3+4-Methylphenols	7.11	107	1532942	39.98	ng	#	73
22) Acetophenone	7.11	105	2057904	39.69	ng	#	90
24) Nitrobenzene	7.28	77	1742903	42.74	ng	#	78
25) Isophorone	7.52	82	3176364	43.33	ng	#	93
26) 2-Nitrophenol	7.59	139	842958	41.43	ng	#	82
27) 2,4-Dimethylphenol	7.63	122	1516069	41.35	ng		96
28) bis(2-Chloroethoxy)methane	7.74	93	2132872	47.03	ng		96
29) 2,4-Dichlorophenol	7.83	162	1338991	43.52	ng		92
30) 1,2,4-Trichlorobenzene	7.92	180	1472743	43.27	ng		95
31) Naphthalene	8.00	128	4629980	43.87	ng		99
32) Benzoic acid	7.77	122	1067732	37.37	ng		95
33) 4-Chloroaniline	8.04	127	906002	19.81	ng	#	95
34) Hexachlorobutadiene	8.12	225	753381	42.27	ng		97
35) Caprolactam	8.42	113	441679m	47.14	ng		
36) 4-Chloro-3-methylphenol	8.54	107	1553616	46.62	ng		99
37) 2-Methylnaphthalene	8.68	142	3092515	45.30	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1150642	33.97	ng		96
40) Hexachlorocyclopentadiene	8.84	237	1213720	103.21	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	973822	45.70	ng		99
43) 2,4,5-Trichlorophenol	9.00	196	1007581	47.54	ng		98
45) 1,1'-Biphenyl	9.15	154	3426324	42.33	ng		95
46) 2-Chloronaphthalene	9.16	162	2821747	44.10	ng		100
47) 2-Nitroaniline	9.27	65	996115	54.58	ng	#	83
48) Acenaphthylene	9.59	152	4560092	47.43	ng		99
49) Dimethylphthalate	9.46	163	3491653	47.41	ng		98
50) 2,6-Dinitrotoluene	9.52	165	769562	45.26	ng	#	60
51) Acenaphthene	9.76	154	3343870	52.55	ng		99
52) 3-Nitroaniline	9.67	138	488063	25.91	ng		94
53) 2,4-Dinitrophenol	9.78	184	827880	81.80	ng		93
54) Dibenzofuran	9.93	168	4173321	52.21	ng		95
55) 4-Nitrophenol	9.85	139	1512938	98.39	ng	#	72
56) 2,4-Dinitrotoluene	9.92	165	1056462	47.89	ng		91
57) Fluorene	10.26	166	2938301	46.13	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	820487	53.19	ng		99
59) Diethylphthalate	10.16	149	3296165	44.06	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	1192438	41.04	ng		94
61) 4-Nitroaniline	10.30	138	883214	50.01	ng		88
62) Azobenzene	10.42	77	3431848	48.79	ng		95
64) 4,6-Dinitro-2-methylphenol	10.32	198	552202	50.57	ng	#	76
65) n-Nitrosodiphenylamine	10.39	169	2871759	48.06	ng		98
66) 4-Bromophenyl-phenylether	10.75	248	902657	45.30	ng	#	85
67) Hexachlorobenzene	10.81	284	946993	41.66	ng	#	84
68) Atrazine	10.91	200	797329	43.57	ng		97
69) Pentachlorophenol	11.00	266	1097703	85.20	ng		98
70) Phenanthrene	11.22	178	4361085	45.44	ng		94
71) Anthracene	11.27	178	4073362	41.75	ng		98
72) Carbazole	11.43	167	4039343	46.16	ng		97
73) Di-n-butylphthalate	11.78	149	4894243	44.70	ng	#	98
74) Fluoranthene	12.40	202	3796925	41.59	ng		92
76) Benzidine	12.53	184	1320917	33.79	ng		98
77) Pyrene	12.63	202	3827450	38.91	ng		95
79) Butylbenzylphthalate	13.29	149	2226795	50.13	ng		99
80) Benzo(a)anthracene	13.86	228	3232480	46.73	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	773180	34.09	ng	#	95
82) Chrysene	13.91	228	2577666	43.47	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	2694963	44.04	ng	#	99
84) Di-n-octyl phthalate	14.58	149	4274899	52.57	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.65	276	3042310	40.21	ng		99
87) Benzo(b)fluoranthene	14.98	252	2910996m	52.60	ng		
88) Benzo(k)fluoranthene	15.01	252	2042560m	40.68	ng		
89) Benzo(a)pyrene	15.30	252	2370977	45.26	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	2527285	44.45	ng		97
91) Benzo(g,h,i)perylene	17.04	276	2597413	43.39	ng		98

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

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