Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089744.D
Acq On : 17 Aug 2016 5:23
Operator : UM/SJ
Sample : PB92884BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92884BS

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

Quant Time: Aug 17 07:02:06 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	683598	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	2859357	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	1390416	20.00	ng		0.01
63) Phenanthrene-d10	11.22	188	2524290	20.00	ng		0.01
75) Chrysene-d12	13.90	240	2077237	20.00	ng		0.00
86) Perylene-d12	15.39	264	1874588	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	5642494	137.72	ng		0.02
7) Phenol-d6	6.34	99	6681923	128.22	ng		0.01
23) Nitrobenzene-d5	7.27	82	4254444	90.85	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	1799278	133.76	ng		0.01
44) 2-Fluorobiphenyl	9.07	172	6122535	70.66	ng		0.00
78) Terphenyl-d14	12.81	244	5162832	74.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	696824	32.95	ng		100
3) Pyridine	2.95	79	2130523	39.09	ng		96
4) n-Nitrosodimethylamine	2.91	42	933258	42.66	ng		90
6) Aniline	6.36	93	2443284	34.88	ng	#	78
8) 2-Chlorophenol	6.49	128	2267622	46.53	ng		83
9) Benzaldehyde	6.24	77	602402	17.44	ng		91
10) Phenol	6.35	94	2236832	34.48	ng		86
11) bis(2-Chloroethyl)ether	6.44	93	1902027	39.58	ng		98
12) 1,3-Dichlorobenzene	6.64	146	2054510	39.44	ng		99
13) 1,4-Dichlorobenzene	6.72	146	2196857	41.63	ng		98
14) 1,2-Dichlorobenzene	6.88	146	2041115	40.57	ng		98
15) Benzyl Alcohol	6.86	79	1592990	45.74	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2427005	38.49	ng		95
17) 2-Methylphenol	6.97	107	1879272	48.54	ng		97
18) Hexachloroethane	7.22	117	831446	42.99	ng		92
19) n-Nitroso-di-n-propylamine	7.13	70	1438214	42.14	ng		95
20) 3+4-Methylphenols	7.12	107	2259616	45.57	ng	#	84
22) Acetophenone	7.12	105	2481732	37.34	ng	#	95
24) Nitrobenzene	7.29	77	2294307	43.56	ng		95
25) Isophorone	7.53	82	4106418	43.83	ng		99
26) 2-Nitrophenol	7.61	139	1189942	48.01	ng		99
27) 2,4-Dimethylphenol	7.66	122	2161498	46.01	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	2530681	44.45	ng		98
29) 2,4-Dichlorophenol	7.85	162	1877841	48.01	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	1738072	41.39	ng		99
31) Naphthalene	8.01	128	5346193	41.66	ng		95
32) Benzoic acid	7.79	122	1328543	36.37	ng		99
33) 4-Chloroaniline	8.06	127	1368387	23.04	ng	#	86
34) Hexachlorobutadiene	8.14	225	925494	41.96	ng		99
35) Caprolactam	8.44	113	629875m	52.25	ng		
36) 4-Chloro-3-methylphenol	8.55	107	1913141	44.93	ng		92
37) 2-Methylnaphthalene	8.71	142	4193622	48.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1240697	27.76	ng		98
40) Hexachlorocyclopentadiene	8.87	237	1930285	96.90	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1245325	43.13	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	1259577	45.75	ng		95
45) 1,1'-Biphenyl	9.18	154	4249927	36.91	ng		94
46) 2-Chloronaphthalene	9.19	162	3455885	40.05	ng		98
47) 2-Nitroaniline	9.29	65	1348557	51.29	ng	#	77
48) Acenaphthylene	9.61	152	5802405	43.68	ng		99
49) Dimethylphthalate	9.48	163	4362479	43.36	ng	#	97
50) 2,6-Dinitrotoluene	9.53	165	1008329	44.28	ng	#	80
51) Acenaphthene	9.78	154	4353848	48.57	ng		99
52) 3-Nitroaniline	9.70	138	813901	30.74	ng	#	70
53) 2,4-Dinitrophenol	9.80	184	1034758	101.26	ng		99
54) Dibenzofuran	9.95	168	5221996	47.34	ng		97
55) 4-Nitrophenol	9.86	139	1929524	94.74	ng		87
56) 2,4-Dinitrotoluene	9.94	165	1399488	47.81	ng		91
57) Fluorene	10.28	166	3698919	41.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	1069744	49.75	ng		98
59) Diethylphthalate	10.18	149	4150067	40.68	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	1531011	34.99	ng		93
61) 4-Nitroaniline	10.32	138	1246670	48.50	ng		100
62) Azobenzene	10.44	77	4435921	46.02	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	693897	47.34	ng		90
65) n-Nitrosodiphenylamine	10.41	169	3652126	46.10	ng		97
66) 4-Bromophenyl-phenylether	10.78	248	1157846	44.29	ng	#	83
67) Hexachlorobenzene	10.83	284	1201435	41.34	ng	#	81
68) Atrazine	10.94	200	1089778	45.41	ng		97
69) Pentachlorophenol	11.03	266	1435614	79.30	ng		98
70) Phenanthrene	11.24	178	5110440m	41.19	ng		
71) Anthracene	11.30	178	5743972	44.31	ng		98
72) Carbazole	11.45	167	5062609	41.22	ng		94
73) Di-n-butylphthalate	11.80	149	6437746	43.09	ng		97
74) Fluoranthene	12.42	202	5111445	41.00	ng		90
76) Benzidine	12.56	184	2849675	38.22	ng		98
77) Pyrene	12.65	202	5059445	37.22	ng		93
79) Butylbenzylphthalate	13.30	149	2815181	41.28	ng	#	83
80) Benzo(a)anthracene	13.89	228	5144086	42.62	ng		96
81) 3,3'-Dichlorobenzidine	13.85	252	1369540	31.14	ng		98
82) Chrysene	13.93	228	4369514	40.23	ng		98
83) Bis(2-ethylhexyl)phthalate	13.91	149	3699688	40.99	ng	#	98
84) Di-n-octyl phthalate	14.59	149	6049589	43.13	ng		98
85) Indeno(1,2,3-cd)pyrene	16.71	276	4576883	49.46	ng		100
87) Benzo(b)fluoranthene	15.01	252	4807578	40.47	ng		97
88) Benzo(k)fluoranthene	15.04	252	4653587m	47.60	ng		
89) Benzo(a)pyrene	15.34	252	4703672	47.97	ng		97
90) Dibenzo(a,h)anthracene	16.73	278	3760119	48.70	ng		97
91) Benzo(g,h,i)perylene	17.10	276	3774770	48.03	ng		99

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

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