Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091141.D
Acq On : 11 Nov 2016 15:44
Operator : UM/SJ
Sample : PB94644BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94644BSD

Manual Integrations APPROVED
sohil
11/14/2016 6:36:56 PM

Quant Time: Nov 11 16:54:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	168336	20.00	ng		-0.01
21) Naphthalene-d8	7.93	136	704632	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	361060	20.00	ng		-0.02
63) Phenanthrene-d10	11.16	188	645732	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	611848	20.00	ng		-0.02
86) Perylene-d12	15.15	264	447107	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	672323	65.96	ng		0.00
7) Phenol-d6	6.29	99	859064	62.10	ng		-0.02
23) Nitrobenzene-d5	7.22	82	1022122	79.13	ng		-0.02
41) 2,4,6-Tribromophenol	10.48	330	203055	62.21	ng		-0.01
44) 2-Fluorobiphenyl	9.01	172	1717083	81.88	ng		-0.02
78) Terphenyl-d14	12.74	244	1703229	69.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	168793	28.95	ng	#	95
3) Pyridine	2.85	79	439682	32.24	ng		95
4) n-Nitrosodimethylamine	2.81	42	179798	33.32	ng		96
6) Aniline	6.30	93	361892	22.18	ng	#	62
8) 2-Chlorophenol	6.43	128	475345	39.10	ng		89
9) Benzaldehyde	6.20	77	38431	5.00	ng		97
10) Phenol	6.32	94	529742	34.60	ng	#	63
11) bis(2-Chloroethyl)ether	6.38	93	484932	37.59	ng		93
12) 1,3-Dichlorobenzene	6.58	146	466412	37.93	ng	#	94
13) 1,4-Dichlorobenzene	6.66	146	488487	37.02	ng		96
14) 1,2-Dichlorobenzene	6.81	146	438183	36.19	ng		96
15) Benzyl Alcohol	6.80	79	365629	37.47	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	584926	31.66	ng		86
17) 2-Methylphenol	6.92	107	370330	38.48	ng		98
18) Hexachloroethane	7.15	117	182382	35.72	ng	#	89
19) n-Nitroso-di-n-propylamine	7.07	70	351079	36.62	ng		98
20) 3+4-Methylphenols	7.08	107	479622	41.50	ng		97
22) Acetophenone	7.06	105	634458	39.11	ng	#	96
24) Nitrobenzene	7.23	77	488539	34.25	ng		92
25) Isophorone	7.48	82	937650	37.67	ng		96
26) 2-Nitrophenol	7.55	139	232479	38.51	ng		90
27) 2,4-Dimethylphenol	7.61	122	423157	42.38	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	562223	41.35	ng		98
29) 2,4-Dichlorophenol	7.80	162	373598	42.88	ng		97
30) 1,2,4-Trichlorobenzene	7.88	180	373091	38.08	ng		97
31) Naphthalene	7.95	128	1283224	38.08	ng		99
32) Benzoic acid	7.76	122	209615	29.14	ng		98
33) 4-Chloroaniline	8.02	127	171448	12.23	ng		98
34) Hexachlorobutadiene	8.08	225	219878	41.58	ng		98
35) Caprolactam	8.38	113	119838m	43.78	ng		
36) 4-Chloro-3-methylphenol	8.51	107	402913	38.20	ng		90
37) 2-Methylnaphthalene	8.65	142	870398	40.18	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	354505	38.51	ng		99
40) Hexachlorocyclopentadiene	8.80	237	311482	86.62	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	243386	40.96	ng		98
43) 2,4,5-Trichlorophenol	8.98	196	266190	42.66	ng	#	93
45) 1,1'-Biphenyl	9.10	154	989993	37.55	ng		98
46) 2-Chloronaphthalene	9.13	162	768819	38.41	ng		97
47) 2-Nitroaniline	9.24	65	288937	38.90	ng	#	81
48) Acenaphthylene	9.54	152	1168189	37.45	ng		100
49) Dimethylphthalate	9.42	163	966345	40.82	ng		98
50) 2,6-Dinitrotoluene	9.48	165	225906	44.52	ng	#	77
51) Acenaphthene	9.71	154	694389	35.46	ng		99
52) 3-Nitroaniline	9.65	138	114934	19.10	ng		84
53) 2,4-Dinitrophenol	9.77	184	197626	72.17	ng		91
54) Dibenzofuran	9.88	168	1120174	42.49	ng		98
55) 4-Nitrophenol	9.84	139	282506	71.18	ng	#	85
56) 2,4-Dinitrotoluene	9.88	165	276283	42.80	ng	#	51
57) Fluorene	10.22	166	819909	38.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	204595	41.86	ng		98
59) Diethylphthalate	10.12	149	951367	39.19	ng		97
60) 4-Chlorophenyl-phenylether	10.22	204	423220	43.15	ng		92
61) 4-Nitroaniline	10.27	138	234511	38.53	ng		91
62) Azobenzene	10.38	77	1168581	40.90	ng		94
64) 4,6-Dinitro-2-methylphenol	10.29	198	144457	36.53	ng	#	42
65) n-Nitrosodiphenylamine	10.35	169	816724	39.79	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	237566	35.37	ng		94
67) Hexachlorobenzene	10.77	284	279748	37.76	ng		97
68) Atrazine	10.88	200	216174	36.51	ng		95
69) Pentachlorophenol	10.98	266	261289	79.64	ng		99
70) Phenanthrene	11.19	178	1354556	39.46	ng		100
71) Anthracene	11.23	178	1319602	36.16	ng		100
72) Carbazole	11.39	167	1253616	38.12	ng		99
73) Di-n-butylphthalate	11.73	149	1494548	36.13	ng		99
74) Fluoranthene	12.36	202	1276715	35.86	ng		98
76) Benzidine	12.50	184	559483	40.93	ng		97
77) Pyrene	12.59	202	1312543	32.76	ng		100
79) Butylbenzylphthalate	13.22	149	647981	33.81	ng		95
80) Benzo(a)anthracene	13.78	228	1211724	34.88	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	207109	16.97	ng	#	98
82) Chrysene	13.81	228	1169238m	34.13	ng		
83) Bis(2-ethylhexyl)phthalate	13.78	149	790030	30.46	ng		99
84) Di-n-octyl phthalate	14.40	149	1527711	35.82	ng		96
85) Indeno(1,2,3-cd)pyrene	16.43	276	973446	34.25	ng		97
87) Benzo(b)fluoranthene	14.79	252	1249613m	41.21	ng		
88) Benzo(k)fluoranthene	14.81	252	1002487m	37.69	ng		
89) Benzo(a)pyrene	15.11	252	1049961	39.77	ng		100
90) Dibenzo(a,h)anthracene	16.44	278	824794	36.14	ng		98
91) Benzo(g,h,i)perylene	16.81	276	739880	35.85	ng		97

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

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