Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
Data File : BF090195.D
Acq On : 23 Sep 2016 13:35
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
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9/26/2016 5:58:25 PM

Quant Time: Sep 23 17:17:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	131294	20.00	ng		-0.03
21) Naphthalene-d8	7.78	136	516242	20.00	ng		-0.03
38) Acenaphthene-d10	9.52	164	267539	20.00	ng		-0.03
63) Phenanthrene-d10	10.98	188	427001	20.00	ng		-0.05
75) Chrysene-d12	13.60	240	349299	20.00	ng		-0.03
86) Perylene-d12	14.91	264	284009	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	688659	85.50	ng		-0.02
7) Phenol-d6	6.15	99	790135	79.43	ng		-0.02
23) Nitrobenzene-d5	7.06	82	705104	79.18	ng		-0.03
41) 2,4,6-Tribromophenol	10.31	330	203080	88.48	ng		-0.03
44) 2-Fluorobiphenyl	8.86	172	1126608	82.67	ng		-0.03
78) Terphenyl-d14	12.57	244	995830	72.38	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.87	88	159471	36.49	ng		96
3) Pyridine	2.47	79	361600	38.15	ng		99
4) n-Nitrosodimethylamine	2.42	42	119575	42.27	ng		94
6) Aniline	6.15	93	501139	40.42	ng	#	73
8) 2-Chlorophenol	6.27	128	368640	39.78	ng		91
9) Benzaldehyde	6.02	77	179664	41.44	ng		96
10) Phenol	6.16	94	423647	36.03	ng		89
11) bis(2-Chloroethyl)ether	6.24	93	358079	39.05	ng		95
12) 1,3-Dichlorobenzene	6.43	146	383536	39.61	ng	#	94
13) 1,4-Dichlorobenzene	6.51	146	389354	39.39	ng		96
14) 1,2-Dichlorobenzene	6.66	146	366420m	41.61	ng		
15) Benzyl Alcohol	6.65	79	241566	40.72	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.79	45	417098	38.06	ng		97
17) 2-Methylphenol	6.78	107	286562	39.25	ng		99
18) Hexachloroethane	7.00	117	140570	39.87	ng	#	89
19) n-Nitroso-di-n-propylamine	6.92	70	233869	40.02	ng		94
20) 3+4-Methylphenols	6.94	107	372810	42.54	ng		97
22) Acetophenone	6.91	105	471574	37.88	ng	#	97
24) Nitrobenzene	7.08	77	368718	39.74	ng		92
25) Isophorone	7.34	82	697869	37.51	ng		97
26) 2-Nitrophenol	7.40	139	206230	45.13	ng		90
27) 2,4-Dimethylphenol	7.46	122	342054	42.14	ng		99
28) bis(2-Chloroethoxy)methane	7.55	93	451122	40.08	ng		99
29) 2,4-Dichlorophenol	7.64	162	278841	39.16	ng		89
30) 1,2,4-Trichlorobenzene	7.72	180	281446	39.57	ng		99
31) Naphthalene	7.80	128	1052743	42.83	ng		99
32) Benzoic acid	7.61	122	225438	40.45	ng		94
33) 4-Chloroaniline	7.86	127	426877	41.87	ng		96
34) Hexachlorobutadiene	7.93	225	159462	42.50	ng		97
35) Caprolactam	8.24	113	87246	37.02	ng		99
36) 4-Chloro-3-methylphenol	8.35	107	307684	38.23	ng		97
37) 2-Methylnaphthalene	8.49	142	609473	39.87	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	269903	43.95	ng	#	96
40) Hexachlorocyclopentadiene	8.65	237	123441	40.74	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	192225	43.93	ng		99
43) 2,4,5-Trichlorophenol	8.82	196	185125	40.85	ng		96
45) 1,1'-Biphenyl	8.96	154	828040	43.26	ng		96
46) 2-Chloronaphthalene	8.97	162	553090	39.17	ng		98
47) 2-Nitroaniline	9.07	65	162629	38.20	ng	#	82
48) Acenaphthylene	9.38	152	918607	40.06	ng		99
49) Dimethylphthalate	9.27	163	636214	37.34	ng		99
50) 2,6-Dinitrotoluene	9.32	165	154188	40.60	ng	#	85
51) Acenaphthene	9.55	154	527314	38.74	ng		99
52) 3-Nitroaniline	9.48	138	168395	37.82	ng		90
53) 2,4-Dinitrophenol	9.60	184	68854	34.28	ng	#	87
54) Dibenzofuran	9.72	168	702155	39.20	ng		96
55) 4-Nitrophenol	9.67	139	125987	41.30	ng		97
56) 2,4-Dinitrotoluene	9.72	165	196153	43.68	ng		85
57) Fluorene	10.07	166	615482	45.59	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	138034m	40.69	ng		
59) Diethylphthalate	9.96	149	665218	40.42	ng		97
60) 4-Chlorophenyl-phenylether	10.07	204	250578	40.70	ng	#	87
61) 4-Nitroaniline	10.10	138	183264	40.38	ng		97
62) Azobenzene	10.23	77	665115	38.83	ng		87
64) 4,6-Dinitro-2-methylphenol	10.12	198	93537	34.97	ng	#	57
65) n-Nitrosodiphenylamine	10.18	169	538555	38.35	ng		98
66) 4-Bromophenyl-phenylether	10.55	248	159336	37.92	ng	#	85
67) Hexachlorobenzene	10.60	284	187939	38.38	ng	#	88
68) Atrazine	10.72	200	135055	35.10	ng		96
69) Pentachlorophenol	10.80	266	108989	39.21	ng		97
70) Phenanthrene	11.02	178	881366	44.14	ng		99
71) Anthracene	11.06	178	813834	38.86	ng		99
72) Carbazole	11.22	167	812743	36.71	ng		98
73) Di-n-butylphthalate	11.58	149	1044182	40.55	ng		99
74) Fluoranthene	12.18	202	817482	38.14	ng		100
76) Benzidine	12.32	184	302243	25.85	ng		98
77) Pyrene	12.41	202	907689	37.98	ng		99
79) Butylbenzylphthalate	13.05	149	422493	36.14	ng	#	81
80) Benzo(a)anthracene	13.59	228	730403	38.87	ng		99
81) 3,3'-Dichlorobenzidine	13.57	252	283248	36.55	ng	#	98
82) Chrysene	13.62	228	632002	34.52	ng		99
83) Bis(2-ethylhexyl)phthalate	13.62	149	581935	38.89	ng	#	99
84) Di-n-octyl phthalate	14.23	149	1020209	39.58	ng		98
85) Indeno(1,2,3-cd)pyrene	16.07	276	630396	42.59	ng		97
87) Benzo(b)fluoranthene	14.58	252	723546m	46.01	ng		
88) Benzo(k)fluoranthene	14.61	252	549322m	37.22	ng		
89) Benzo(a)pyrene	14.87	252	571263	38.62	ng	#	96
90) Dibenzo(a,h)anthracene	16.08	278	520056	45.05	ng	#	96
91) Benzo(g,h,i)perylene	16.41	276	530914	46.99	ng		96

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

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