Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083207.D
Acq On : 23 Nov 2015 16:44
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/24/2015 1:19:59 PM

Quant Time: Nov 24 05:35:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	190621	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	748785	20.00	ng		-0.02
38) Acenaphthene-d10	9.68	164	370899	20.00	ng		-0.02
63) Phenanthrene-d10	11.15	188	692529	20.00	ng		-0.02
75) Chrysene-d12	13.78	240	591567	20.00	ng		-0.02
86) Perylene-d12	15.14	264	522470	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1046373	82.99	ng		-0.05
7) Phenol-d6	6.31	99	1324060	81.16	ng		-0.03
23) Nitrobenzene-d5	7.21	82	1297681	79.19	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	285358	75.20	ng		-0.02
44) 2-Fluorobiphenyl	9.02	172	2021095	75.99	ng		-0.01
78) Terphenyl-d14	12.74	244	1923353	76.56	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	221124	35.40	ng		94
3) Pyridine	2.75	79	672575m	40.77	ng		
4) n-Nitrosodimethylamine	2.70	42	365363	48.02	ng		91
6) Aniline	6.31	93	946797	47.49	ng		93
8) 2-Chlorophenol	6.43	128	559628	41.08	ng		90
9) Benzaldehyde	6.18	77	339763	42.23	ng		98
10) Phenol	6.32	94	790621	40.06	ng		87
11) bis(2-Chloroethyl)ether	6.39	93	619657	43.97	ng		99
12) 1,3-Dichlorobenzene	6.58	146	618116m	39.74	ng		
13) 1,4-Dichlorobenzene	6.66	146	620020	39.41	ng		92
14) 1,2-Dichlorobenzene	6.81	146	557403	38.98	ng		98
15) Benzyl Alcohol	6.80	79	505436	37.08	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1041385	47.39	ng	#	64
17) 2-Methylphenol	6.92	107	448444	39.78	ng		95
18) Hexachloroethane	7.15	117	224430	40.50	ng		89
19) n-Nitroso-di-n-propylamine	7.07	70	472119	41.58	ng		99
20) 3+4-Methylphenols	7.08	107	608006	42.67	ng		96
22) Acetophenone	7.06	105	808643	37.62	ng	#	97
24) Nitrobenzene	7.23	77	704849	40.26	ng		100
25) Isophorone	7.47	82	1203211	38.78	ng		97
26) 2-Nitrophenol	7.55	139	305753	39.55	ng		97
27) 2,4-Dimethylphenol	7.61	122	490176	39.73	ng		94
28) bis(2-Chloroethoxy)methane	7.69	93	667437	37.00	ng		99
29) 2,4-Dichlorophenol	7.80	162	470379	40.09	ng		98
30) 1,2,4-Trichlorobenzene	7.87	180	482015	37.40	ng		96
31) Naphthalene	7.95	128	1580502	39.11	ng		99
32) Benzoic acid	7.77	122	395599	41.26	ng		99
33) 4-Chloroaniline	8.01	127	643688	41.05	ng		97
34) Hexachlorobutadiene	8.08	225	294738	38.70	ng		98
35) Caprolactam	8.40	113	149123	39.66	ng		95
36) 4-Chloro-3-methylphenol	8.51	107	516020	37.97	ng		92
37) 2-Methylnaphthalene	8.64	142	954015	36.38	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	468869	39.00	ng		99
40) Hexachlorocyclopentadiene	8.80	237	238764	34.93	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	331243	38.47	ng		97
43) 2,4,5-Trichlorophenol	8.97	196	329655	37.45	ng	#	82
45) 1,1'-Biphenyl	9.11	154	1188604	37.65	ng		97
46) 2-Chloronaphthalene	9.13	162	976236	39.37	ng		96
47) 2-Nitroaniline	9.23	65	360148	41.06	ng		97
48) Acenaphthylene	9.54	152	1549787	40.33	ng		99
49) Dimethylphthalate	9.43	163	1098912	38.48	ng	#	98
50) 2,6-Dinitrotoluene	9.47	165	235279	36.72	ng		96
51) Acenaphthene	9.71	154	908315	38.84	ng		100
52) 3-Nitroaniline	9.64	138	264929	38.78	ng	#	62
53) 2,4-Dinitrophenol	9.75	184	134405	36.41	ng		87
54) Dibenzofuran	9.88	168	1279069	38.68	ng		99
55) 4-Nitrophenol	9.84	139	201642	38.49	ng	#	68
56) 2,4-Dinitrotoluene	9.87	165	309399	38.11	ng		98
57) Fluorene	10.23	166	1088917	39.85	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	276864	38.34	ng		98
59) Diethylphthalate	10.11	149	1023432	36.01	ng		97
60) 4-Chlorophenyl-phenylether	10.23	204	454125	36.28	ng	#	78
61) 4-Nitroaniline	10.26	138	290896	43.25	ng		94
62) Azobenzene	10.38	77	1254905	38.68	ng		96
64) 4,6-Dinitro-2-methylphenol	10.28	198	197044	41.29	ng		86
65) n-Nitrosodiphenylamine	10.34	169	887101	37.66	ng		100
66) 4-Bromophenyl-phenylether	10.71	248	295795	38.49	ng		91
67) Hexachlorobenzene	10.78	284	313770	37.08	ng	#	79
68) Atrazine	10.88	200	273374	39.97	ng		98
69) Pentachlorophenol	10.97	266	205817	37.34	ng		99
70) Phenanthrene	11.18	178	1499228	37.58	ng		100
71) Anthracene	11.23	178	1610613	39.57	ng		99
72) Carbazole	11.39	167	1488343	41.13	ng		99
73) Di-n-butylphthalate	11.74	149	1613246	36.53	ng	#	97
74) Fluoranthene	12.35	202	1562101	38.25	ng		97
76) Benzidine	12.49	184	769407	49.62	ng		99
77) Pyrene	12.58	202	1543458	38.19	ng		99
79) Butylbenzylphthalate	13.22	149	729255	38.13	ng	#	86
80) Benzo(a)anthracene	13.77	228	1471766	40.23	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	510887	40.12	ng		100
82) Chrysene	13.81	228	1313376m	38.71	ng		
83) Bis(2-ethylhexyl)phthalate	13.78	149	923250	36.96	ng	#	97
84) Di-n-octyl phthalate	14.39	149	1569549	36.50	ng		96
85) Indeno(1,2,3-cd)pyrene	16.40	276	1200269	38.89	ng		96
87) Benzo(b)fluoranthene	14.78	252	1411954m	39.55	ng		
88) Benzo(k)fluoranthene	14.80	252	1042356m	39.19	ng		
89) Benzo(a)pyrene	15.09	252	1136609	38.56	ng	#	93
90) Dibenzo(a,h)anthracene	16.41	278	1006636	37.60	ng	#	95
91) Benzo(g,h,i)perylene	16.78	276	984616	37.67	ng	#	94

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

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