Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083707.D
Acq On : 11 Dec 2015 21:00
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:31 PM

Quant Time: Dec 11 23:03:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 19:24:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	129898	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	517001	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	233293	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	427663	20.00	ng		-0.01
75) Chrysene-d12	14.08	240	288573	20.00	ng		0.00
86) Perylene-d12	15.51	264	236780	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	684720	81.18	ng		-0.01
7) Phenol-d6	6.54	99	812756	78.02	ng		0.00
23) Nitrobenzene-d5	7.48	82	706345	92.65	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	217987	96.53	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1260998	79.62	ng		0.00
78) Terphenyl-d14	13.03	244	1175899	91.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	165612	40.15	ng	#	86
3) Pyridine	3.30	79	439314	40.99	ng		87
4) n-Nitrosodimethylamine	3.23	42	177837	40.81	ng	#	77
6) Aniline	6.58	93	566161	39.70	ng	#	86
8) 2-Chlorophenol	6.70	128	368615	39.99	ng		95
9) Benzaldehyde	6.46	77	228637	39.85	ng		96
10) Phenol	6.56	94	438823	36.26	ng		78
11) bis(2-Chloroethyl)ether	6.66	93	375179	42.47	ng		92
12) 1,3-Dichlorobenzene	6.86	146	399298	39.25	ng		96
13) 1,4-Dichlorobenzene	6.94	146	424384	41.30	ng		97
14) 1,2-Dichlorobenzene	7.10	146	366824m	38.82	ng		
15) Benzyl Alcohol	7.06	79	278650	38.08	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	467976	38.26	ng		67
17) 2-Methylphenol	7.17	107	300706	40.41	ng	#	85
18) Hexachloroethane	7.45	117	146602	42.15	ng		96
19) n-Nitroso-di-n-propylamine	7.34	70	247848	40.83	ng	#	83
20) 3+4-Methylphenols	7.33	107	379486	41.43	ng	#	35
22) Acetophenone	7.33	105	481853	38.98	ng	#	99
24) Nitrobenzene	7.50	77	394505	46.26	ng	#	90
25) Isophorone	7.74	82	668058	39.21	ng		97
26) 2-Nitrophenol	7.82	139	177215	50.45	ng	#	82
27) 2,4-Dimethylphenol	7.86	122	337940	39.56	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	411441	42.23	ng	#	96
29) 2,4-Dichlorophenol	8.06	162	312608	44.25	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	326440	41.68	ng		99
31) Naphthalene	8.24	128	1077783	42.23	ng		99
32) Benzoic acid	7.96	122	224148m	46.42	ng		
33) 4-Chloroaniline	8.27	127	408222	38.44	ng		95
34) Hexachlorobutadiene	8.36	225	180296	41.43	ng		97
35) Caprolactam	8.64	113	94511	41.62	ng	#	75
36) 4-Chloro-3-methylphenol	8.75	107	323723	41.86	ng		92
37) 2-Methylnaphthalene	8.92	142	642236	39.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	308519	42.39	ng	#	100
40) Hexachlorocyclopentadiene	9.08	237	148546	43.14	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	223010	44.71	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	191969	39.89	ng	#	93
45) 1,1'-Biphenyl	9.39	154	850817	41.82	ng		95
46) 2-Chloronaphthalene	9.41	162	651050	42.45	ng		98
47) 2-Nitroaniline	9.49	65	160983	42.79	ng		89
48) Acenaphthylene	9.82	152	1008078	39.89	ng		99
49) Dimethylphthalate	9.69	163	755728	42.10	ng		98
50) 2,6-Dinitrotoluene	9.74	165	160381	46.01	ng	#	58
51) Acenaphthene	10.00	154	597997	39.96	ng		99
52) 3-Nitroaniline	9.90	138	174924	44.75	ng		82
53) 2,4-Dinitrophenol	10.01	184	55414	51.51	ng	#	32
54) Dibenzofuran	10.17	168	810624	40.69	ng		94
55) 4-Nitrophenol	10.05	139	156788	47.19	ng		86
56) 2,4-Dinitrotoluene	10.14	165	201395	45.44	ng	#	49
57) Fluorene	10.51	166	652257	41.25	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	161639	45.35	ng	#	100
59) Diethylphthalate	10.38	149	687231	40.85	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	300835	39.87	ng		91
61) 4-Nitroaniline	10.51	138	146169	40.34	ng		96
62) Azobenzene	10.66	77	600556	37.50	ng		98
64) 4,6-Dinitro-2-methylphenol	10.54	198	85600	46.94	ng	#	83
65) n-Nitrosodiphenylamine	10.61	169	538919	37.96	ng		98
66) 4-Bromophenyl-phenylether	10.99	248	195430	42.76	ng		95
67) Hexachlorobenzene	11.06	284	214611	43.10	ng		93
68) Atrazine	11.14	200	161280	39.84	ng		97
69) Pentachlorophenol	11.24	266	128541	46.26	ng		100
70) Phenanthrene	11.47	178	1009841	43.26	ng		99
71) Anthracene	11.52	178	949309	39.39	ng		98
72) Carbazole	11.67	167	875329	39.57	ng	#	96
73) Di-n-butylphthalate	12.01	149	1045658	43.37	ng		100
74) Fluoranthene	12.65	202	952184	38.98	ng		96
76) Benzidine	12.76	184	487672	43.83	ng		99
77) Pyrene	12.88	202	978869	43.02	ng		98
79) Butylbenzylphthalate	13.49	149	355127	48.68	ng	#	86
80) Benzo(a)anthracene	14.07	228	734608	43.45	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	240329	44.72	ng		98
82) Chrysene	14.10	228	756821	46.55	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	363446	46.06	ng		100
84) Di-n-octyl phthalate	14.67	149	504653	42.32	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.93	276	708105	40.45	ng	#	100
87) Benzo(b)fluoranthene	15.09	252	586891	39.88	ng		99
88) Benzo(k)fluoranthene	15.12	252	578209m	41.20	ng		
89) Benzo(a)pyrene	15.45	252	565457	42.25	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	583109	43.98	ng		96
91) Benzo(g,h,i)perylene	17.37	276	610741	43.69	ng		97

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

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