Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
Data File : BF080976.D
Acq On : 13 Aug 2015 9:57
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/14/2015 3:08:14 PM

Quant Time: Aug 14 00:54:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	52417	20.00	ng		-0.06
21) Naphthalene-d8	8.04	136	202449	20.00	ng		-0.06
38) Acenaphthene-d10	9.79	164	104371	20.00	ng		-0.06
63) Phenanthrene-d10	11.26	188	167996	20.00	ng		-0.06
75) Chrysene-d12	13.89	240	164220	20.00	ng		-0.07
86) Perylene-d12	15.28	264	117996	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	296975	92.57	ng		-0.05
7) Phenol-d6	6.38	99	350298	79.68	ng		-0.06
23) Nitrobenzene-d5	7.32	82	357355	83.49	ng		-0.06
41) 2,4,6-Tribromophenol	10.58	330	69529	60.64	ng		-0.06
44) 2-Fluorobiphenyl	9.12	172	561918	75.79	ng		-0.06
78) Terphenyl-d14	12.85	244	581742	73.17	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	69647	45.77	ng		96
3) Pyridine	2.94	79	149538	34.65	ng		88
4) n-Nitrosodimethylamine	2.90	42	103439	46.96	ng		83
6) Aniline	6.42	93	260217	40.29	ng		96
8) 2-Chlorophenol	6.53	128	145099	39.09	ng		89
9) Benzaldehyde	6.29	77	115565	39.00	ng		96
10) Phenol	6.41	94	194206	37.23	ng	#	47
11) bis(2-Chloroethyl)ether	6.50	93	137447	35.29	ng		86
12) 1,3-Dichlorobenzene	6.69	146	169218	42.95	ng		97
13) 1,4-Dichlorobenzene	6.77	146	165942	40.54	ng		98
14) 1,2-Dichlorobenzene	6.92	146	151517	40.94	ng		98
15) Benzyl Alcohol	6.90	79	152469	42.38	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	303496	38.74	ng		99
17) 2-Methylphenol	7.01	107	121994	38.50	ng	#	92
18) Hexachloroethane	7.26	117	63769	40.66	ng		97
19) n-Nitroso-di-n-propylamine	7.17	70	128489	39.99	ng		94
20) 3+4-Methylphenols	7.17	107	176433	44.32	ng	#	87
22) Acetophenone	7.17	105	220850	44.52	ng	#	91
24) Nitrobenzene	7.34	77	192997	43.80	ng	#	83
25) Isophorone	7.58	82	347156	42.18	ng		95
26) 2-Nitrophenol	7.65	139	73470	39.62	ng		90
27) 2,4-Dimethylphenol	7.70	122	143622	41.37	ng		94
28) bis(2-Chloroethoxy)methane	7.80	93	199110	40.30	ng	#	96
29) 2,4-Dichlorophenol	7.89	162	109395	38.35	ng		96
30) 1,2,4-Trichlorobenzene	7.98	180	132979	42.65	ng		99
31) Naphthalene	8.06	128	421718	37.79	ng		100
32) Benzoic acid	7.82	122	88642	42.65	ng		90
33) 4-Chloroaniline	8.11	127	203448	44.86	ng		97
34) Hexachlorobutadiene	8.18	225	83390	44.95	ng		98
35) Caprolactam	8.50	113	48314	47.08	ng		91
36) 4-Chloro-3-methylphenol	8.59	107	156762	45.03	ng		96
37) 2-Methylnaphthalene	8.75	142	324843	45.73	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	118297	36.77	ng		99
40) Hexachlorocyclopentadiene	8.91	237	74821	42.62	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	81223	34.44	ng		100
43) 2,4,5-Trichlorophenol	9.07	196	88586	37.28	ng		97
45) 1,1'-Biphenyl	9.22	154	334152	37.30	ng		98
46) 2-Chloronaphthalene	9.23	162	248818	35.63	ng	#	90
47) 2-Nitroaniline	9.33	65	125496	44.82	ng		96
48) Acenaphthylene	9.65	152	481126	39.63	ng		100
49) Dimethylphthalate	9.53	163	324047	37.38	ng	#	97
50) 2,6-Dinitrotoluene	9.57	165	66678	37.23	ng		91
51) Acenaphthene	9.82	154	305610	41.10	ng		98
52) 3-Nitroaniline	9.74	138	77350	35.03	ng		92
53) 2,4-Dinitrophenol	9.85	184	40058	40.13	ng		93
54) Dibenzofuran	10.00	168	414965	41.27	ng		97
55) 4-Nitrophenol	9.90	139	70586	42.70	ng	#	64
56) 2,4-Dinitrotoluene	9.97	165	87802	36.63	ng		93
57) Fluorene	10.33	166	298432	38.37	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	74756m	39.75	ng		
59) Diethylphthalate	10.21	149	342350	37.94	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	133299	35.17	ng		98
61) 4-Nitroaniline	10.36	138	95935	42.22	ng		95
62) Azobenzene	10.49	77	388367	38.49	ng		98
64) 4,6-Dinitro-2-methylphenol	10.38	198	54478	52.33	ng		90
65) n-Nitrosodiphenylamine	10.45	169	283301	48.54	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	77693	43.66	ng	#	90
67) Hexachlorobenzene	10.88	284	70344	35.56	ng	#	57
68) Atrazine	10.98	200	73881	43.17	ng		99
69) Pentachlorophenol	11.07	266	46959	40.82	ng		98
70) Phenanthrene	11.29	178	366722	38.55	ng		97
71) Anthracene	11.34	178	397081	42.16	ng		98
72) Carbazole	11.49	167	337016	36.75	ng	#	96
73) Di-n-butylphthalate	11.84	149	472997	41.25	ng		99
74) Fluoranthene	12.46	202	402067	39.10	ng		98
76) Benzidine	12.59	184	223309	27.83	ng		99
77) Pyrene	12.69	202	444282	36.62	ng		99
79) Butylbenzylphthalate	13.32	149	193371	33.06	ng	#	67
80) Benzo(a)anthracene	13.88	228	409361	39.46	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	126217	33.45	ng	#	97
82) Chrysene	13.92	228	360450	36.29	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	270717	33.27	ng	#	93
84) Di-n-octyl phthalate	14.50	149	429359	31.12	ng		99
85) Indeno(1,2,3-cd)pyrene	16.59	276	327181	34.61	ng		98
87) Benzo(b)fluoranthene	14.89	252	307987	37.54	ng	#	97
88) Benzo(k)fluoranthene	14.92	252	310201m	43.22	ng		
89) Benzo(a)pyrene	15.22	252	281114	39.86	ng	#	96
90) Dibenzo(a,h)anthracene	16.60	278	272491	43.69	ng	#	96
91) Benzo(g,h,i)perylene	16.98	276	231397	38.14	ng		97

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

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