Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082470.D
Acq On : 23 Oct 2015 17:28
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:03 PM

Quant Time: Oct 24 07:03:20 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 15:17:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	126712	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	510076	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	260750	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	498324	20.00	ng		0.00
75) Chrysene-d12	13.96	240	428737	20.00	ng		-0.08
86) Perylene-d12	15.42	264	340057	20.00	ng		-0.21
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	522804	83.27	ng		0.00
7) Phenol-d6	6.41	99	640050	78.34	ng		-0.01
23) Nitrobenzene-d5	7.34	82	627930	82.67	ng		0.00
41) 2,4,6-Tribromophenol	10.59	330	150586	61.58	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1314213	83.58	ng		0.00
78) Terphenyl-d14	12.88	244	1159440	71.66	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	106824	33.86	ng		99
3) Pyridine	2.96	79	303898	41.42	ng		97
4) n-Nitrosodimethylamine	2.94	42	127335	40.92	ng		94
6) Aniline	6.42	93	416963	39.58	ng	#	39
8) 2-Chlorophenol	6.54	128	288860	37.69	ng	#	80
9) Benzaldehyde	6.30	77	169587	40.65	ng		91
10) Phenol	6.42	94	377485	40.07	ng	#	72
11) bis(2-Chloroethyl)ether	6.50	93	296071	37.17	ng		97
12) 1,3-Dichlorobenzene	6.70	146	344699m	38.62	ng		
13) 1,4-Dichlorobenzene	6.78	146	347902	37.32	ng		94
14) 1,2-Dichlorobenzene	6.93	146	347687	39.28	ng		95
15) Benzyl Alcohol	6.91	79	244141	43.29	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	387045	34.89	ng		77
17) 2-Methylphenol	7.03	107	228298	37.67	ng		95
18) Hexachloroethane	7.26	117	116943	36.65	ng		91
19) n-Nitroso-di-n-propylamine	7.19	70	228493	39.82	ng		98
20) 3+4-Methylphenols	7.19	107	294968	40.84	ng	#	66
22) Acetophenone	7.18	105	405888	40.23	ng	#	90
24) Nitrobenzene	7.35	77	295776	35.98	ng		99
25) Isophorone	7.59	82	585342	38.18	ng		99
26) 2-Nitrophenol	7.67	139	182109	44.36	ng		99
27) 2,4-Dimethylphenol	7.71	122	283831	42.91	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	372844	41.80	ng		99
29) 2,4-Dichlorophenol	7.92	162	261142	39.50	ng		95
30) 1,2,4-Trichlorobenzene	7.99	180	303028	39.76	ng		99
31) Naphthalene	8.07	128	886763	40.11	ng		99
32) Benzoic acid	7.86	122	143648m	32.36	ng		
33) 4-Chloroaniline	8.13	127	364390	39.68	ng		98
34) Hexachlorobutadiene	8.18	225	181015	38.12	ng		98
35) Caprolactam	8.53	113	81215	42.32	ng		96
36) 4-Chloro-3-methylphenol	8.62	107	259847	40.19	ng		96
37) 2-Methylnaphthalene	8.75	142	585680	38.21	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	305821	39.43	ng		98
40) Hexachlorocyclopentadiene	8.90	237	82585	27.16	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	199693	38.77	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	199250	35.71	ng		98
45) 1,1'-Biphenyl	9.22	154	733268	36.88	ng		99
46) 2-Chloronaphthalene	9.26	162	591529	37.79	ng		99
47) 2-Nitroaniline	9.36	65	185772	43.23	ng	#	83
48) Acenaphthylene	9.67	152	963265	39.50	ng		100
49) Dimethylphthalate	9.54	163	726038	39.54	ng		99
50) 2,6-Dinitrotoluene	9.60	165	140560	36.28	ng	#	69
51) Acenaphthene	9.84	154	550912	37.64	ng		99
52) 3-Nitroaniline	9.77	138	158587	36.24	ng		86
53) 2,4-Dinitrophenol	9.89	184	59532	31.70	ng		96
54) Dibenzofuran	10.01	168	785257	39.07	ng		99
55) 4-Nitrophenol	9.95	139	78365	33.49	ng		98
56) 2,4-Dinitrotoluene	10.01	165	201466	41.61	ng		95
57) Fluorene	10.35	166	665696	40.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	164578	36.10	ng		98
59) Diethylphthalate	10.23	149	672740	39.31	ng		98
60) 4-Chlorophenyl-phenylether	10.34	204	282468	37.36	ng		98
61) 4-Nitroaniline	10.40	138	176409	41.56	ng		94
62) Azobenzene	10.50	77	609550	36.39	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	116607	41.70	ng		95
65) n-Nitrosodiphenylamine	10.47	169	540860	36.25	ng		100
66) 4-Bromophenyl-phenylether	10.83	248	183773	36.85	ng		97
67) Hexachlorobenzene	10.90	284	200271	37.13	ng		97
68) Atrazine	11.01	200	203493	43.05	ng		97
69) Pentachlorophenol	11.10	266	95381	34.37	ng		97
70) Phenanthrene	11.31	178	909408	37.23	ng		99
71) Anthracene	11.37	178	1032493	41.02	ng		100
72) Carbazole	11.53	167	912245	39.73	ng		98
73) Di-n-butylphthalate	11.85	149	1044118	36.86	ng		100
74) Fluoranthene	12.50	202	970240	36.98	ng		98
76) Benzidine	12.63	184	486728	39.18	ng		100
77) Pyrene	12.73	202	967485	38.02	ng		99
79) Butylbenzylphthalate	13.36	149	502041	43.24	ng		88
80) Benzo(a)anthracene	13.94	228	834613	37.41	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	340358	40.20	ng		97
82) Chrysene	13.98	228	808352	34.39	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	657213	39.67	ng		99
84) Di-n-octyl phthalate	14.58	149	1156466	40.65	ng		99
85) Indeno(1,2,3-cd)pyrene	16.81	276	672380	35.99	ng		98
87) Benzo(b)fluoranthene	15.02	252	801437	38.74	ng		98
88) Benzo(k)fluoranthene	15.04	252	706925m	40.65	ng		
89) Benzo(a)pyrene	15.36	252	682759	38.40	ng		100
90) Dibenzo(a,h)anthracene	16.82	278	558066	38.30	ng		96
91) Benzo(g,h,i)perylene	17.22	276	537005	37.94	ng		100

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

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