Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
Data File : BF082762.D
Acq On : 6 Nov 2015 15:36
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:10:15 PM

Quant Time: Nov 07 03:02:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	164612	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	621044	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	329855	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	632581	20.00	ng		0.00
75) Chrysene-d12	14.02	240	551384	20.00	ng		0.00
86) Perylene-d12	15.45	264	503910	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	853337	80.66	ng		0.00
7) Phenol-d6	6.49	99	1121731	79.75	ng		0.01
23) Nitrobenzene-d5	7.41	82	1130938	79.24	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	314341	83.11	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1856165	80.65	ng		0.00
78) Terphenyl-d14	12.97	244	2003783	86.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	175568	38.46	ng		95
3) Pyridine	3.15	79	528533	39.90	ng		99
4) n-Nitrosodimethylamine	3.09	42	263990	40.18	ng		90
6) Aniline	6.51	93	745074	37.73	ng		99
8) 2-Chlorophenol	6.64	128	462885	39.47	ng		89
9) Benzaldehyde	6.40	77	321788	41.41	ng		82
10) Phenol	6.50	94	698211	43.75	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	493089	41.32	ng		87
12) 1,3-Dichlorobenzene	6.80	146	529745m	40.05	ng		
13) 1,4-Dichlorobenzene	6.86	146	500005	36.33	ng		99
14) 1,2-Dichlorobenzene	7.02	146	502777	40.17	ng		98
15) Benzyl Alcohol	6.99	79	453856	36.74	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	703450	40.18	ng		95
17) 2-Methylphenol	7.10	107	396394	39.90	ng		98
18) Hexachloroethane	7.37	117	193059	39.22	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	417288	40.36	ng		87
20) 3+4-Methylphenols	7.26	107	479210	37.10	ng		90
22) Acetophenone	7.26	105	669323	37.61	ng	#	87
24) Nitrobenzene	7.44	77	606583	41.56	ng		91
25) Isophorone	7.68	82	1034160	39.16	ng		98
26) 2-Nitrophenol	7.76	139	266152	43.69	ng	#	65
27) 2,4-Dimethylphenol	7.79	122	413690	37.79	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	639999	42.96	ng		99
29) 2,4-Dichlorophenol	8.00	162	407968	41.24	ng		93
30) 1,2,4-Trichlorobenzene	8.09	180	437611	39.33	ng	#	93
31) Naphthalene	8.16	128	1282637	37.43	ng		100
32) Benzoic acid	7.93	122	312288	41.67	ng		94
33) 4-Chloroaniline	8.21	127	574450	38.90	ng	#	81
34) Hexachlorobutadiene	8.29	225	269255	38.67	ng		98
35) Caprolactam	8.58	113	126033	40.41	ng		87
36) 4-Chloro-3-methylphenol	8.69	107	479526	41.21	ng		92
37) 2-Methylnaphthalene	8.85	142	906905	40.91	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	456195	42.09	ng		97
40) Hexachlorocyclopentadiene	9.01	237	256590	44.06	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	315221	38.96	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	315248	39.39	ng	#	79
45) 1,1'-Biphenyl	9.32	154	1203876	42.53	ng		99
46) 2-Chloronaphthalene	9.34	162	923748	41.84	ng		97
47) 2-Nitroaniline	9.44	65	334912	40.89	ng	#	54
48) Acenaphthylene	9.76	152	1454733	42.04	ng		100
49) Dimethylphthalate	9.62	163	956057	35.38	ng		100
50) 2,6-Dinitrotoluene	9.68	165	225263	39.06	ng		99
51) Acenaphthene	9.93	154	886691	40.43	ng		99
52) 3-Nitroaniline	9.85	138	277332	43.73	ng	#	66
53) 2,4-Dinitrophenol	9.95	184	131090	41.41	ng	#	7
54) Dibenzofuran	10.10	168	1190755	40.27	ng		94
55) 4-Nitrophenol	10.00	139	173507	35.66	ng	#	81
56) 2,4-Dinitrotoluene	10.08	165	287802	36.79	ng		99
57) Fluorene	10.44	166	1003149	41.89	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	250908	38.42	ng		93
59) Diethylphthalate	10.32	149	1031121	39.08	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	432670	36.11	ng	#	78
61) 4-Nitroaniline	10.45	138	234635	36.79	ng		88
62) Azobenzene	10.59	77	1107880	39.09	ng		89
64) 4,6-Dinitro-2-methylphenol	10.49	198	190163	42.20	ng		81
65) n-Nitrosodiphenylamine	10.56	169	926974	40.56	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	277060	36.37	ng	#	76
67) Hexachlorobenzene	10.99	284	310777	36.54	ng	#	81
68) Atrazine	11.08	200	288654	40.85	ng		97
69) Pentachlorophenol	11.18	266	218055	42.22	ng		98
70) Phenanthrene	11.40	178	1518041	41.32	ng		99
71) Anthracene	11.45	178	1333772	34.47	ng		99
72) Carbazole	11.61	167	1334346	39.39	ng		96
73) Di-n-butylphthalate	11.94	149	1582385	37.49	ng		99
74) Fluoranthene	12.59	202	1498696	38.02	ng		93
76) Benzidine	12.71	184	830437	44.94	ng		98
77) Pyrene	12.81	202	1513492	39.97	ng		99
79) Butylbenzylphthalate	13.44	149	664315	39.71	ng		100
80) Benzo(a)anthracene	14.01	228	1399703	40.59	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	475407	38.78	ng		98
82) Chrysene	14.04	228	1380481	43.71	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	992943	43.37	ng	#	99
84) Di-n-octyl phthalate	14.63	149	1558467	40.81	ng		97
85) Indeno(1,2,3-cd)pyrene	16.84	276	1163149	42.77	ng		99
87) Benzo(b)fluoranthene	15.05	252	1408170m	43.54	ng		
88) Benzo(k)fluoranthene	15.07	252	954737m	33.27	ng		
89) Benzo(a)pyrene	15.39	252	1098193	39.19	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	955080	40.25	ng		99
91) Benzo(g,h,i)perylene	17.27	276	911844	40.12	ng		99

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

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