Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
Data File : BF078663.D
Acq On : 21 Apr 2015 2:17
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
4/21/2015 5:03:47 PM

Quant Time: Apr 21 03:55:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 00:52:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	44078	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	182893	20.00	ng		0.00
38) Acenaphthene-d10	11.21	164	89785	20.00	ng		0.00
63) Phenanthrene-d10	13.94	188	177521	20.00	ng		0.00
75) Chrysene-d12	17.81	240	174386	20.00	ng		0.00
86) Perylene-d12	19.47	264	179805	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	3.87	112	222850	83.36	ng		0.00
7) Phenol-d6	5.36	99	274762	82.01	ng		0.00
23) Nitrobenzene-d5	6.80	82	249780	82.78	ng		0.00
41) 2,4,6-Tribromophenol	12.69	330	67865	91.14	ng		0.00
44) 2-Fluorobiphenyl	10.03	172	519718	82.74	ng		0.00
78) Terphenyl-d14	16.47	244	654332	84.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.43	88	48862	40.42	ng		95
3) Pyridine	1.91	79	130925	41.34	ng		98
4) n-Nitrosodimethylamine	1.87	42	53342	43.76	ng		91
6) Aniline	5.35	93	199517	41.99	ng	#	88
8) 2-Chlorophenol	5.52	128	128538	40.66	ng		100
9) Benzaldehyde	5.16	77	67510	30.40	ng		97
10) Phenol	5.38	94	163853	40.82	ng		98
11) bis(2-Chloroethyl)ether	5.48	93	113796	39.42	ng		95
12) 1,3-Dichlorobenzene	5.75	146	142949	41.17	ng		99
13) 1,4-Dichlorobenzene	5.88	146	141607	40.51	ng		98
14) 1,2-Dichlorobenzene	6.12	146	132892	40.55	ng		95
15) Benzyl Alcohol	6.14	79	106739	45.34	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.38	45	150974	39.21	ng		85
17) 2-Methylphenol	6.36	107	102123	41.61	ng		95
18) Hexachloroethane	6.66	117	49844	42.29	ng	#	78
19) n-Nitroso-di-n-propylamine	6.59	70	93455	42.28	ng		91
20) 3+4-Methylphenols	6.64	107	133768	40.86	ng		91
22) Acetophenone	6.56	105	176228	41.35	ng	#	93
24) Nitrobenzene	6.83	77	131667	41.74	ng		89
25) Isophorone	7.27	82	244774	42.74	ng		99
26) 2-Nitrophenol	7.38	139	65558	43.61	ng		96
27) 2,4-Dimethylphenol	7.54	122	111552	39.91	ng		97
28) bis(2-Chloroethoxy)methane	7.70	93	146115	39.79	ng		100
29) 2,4-Dichlorophenol	7.83	162	107189	42.15	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	114770	39.36	ng		98
31) Naphthalene	8.06	128	375702	39.47	ng		99
32) Benzoic acid	7.79	122	61064m	46.64	ng		
33) 4-Chloroaniline	8.22	127	165465	41.89	ng		98
34) Hexachlorobutadiene	8.31	225	66347	41.44	ng		99
35) Caprolactam	8.88	113	34427	45.35	ng	#	84
36) 4-Chloro-3-methylphenol	9.18	107	110064	42.90	ng		90
37) 2-Methylnaphthalene	9.31	142	256695	39.72	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	115198	41.41	ng		98
40) Hexachlorocyclopentadiene	9.61	237	41727	38.69	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	78077	44.50	ng		97
43) 2,4,5-Trichlorophenol	9.95	196	77763	42.42	ng	#	87
45) 1,1'-Biphenyl	10.19	154	291279	39.66	ng		97
46) 2-Chloronaphthalene	10.19	162	233053	40.33	ng		96
47) 2-Nitroaniline	10.44	65	69109	48.34	ng	#	77
48) Acenaphthylene	10.95	152	393703	42.19	ng		99
49) Dimethylphthalate	10.84	163	286246	42.44	ng		97
50) 2,6-Dinitrotoluene	10.94	165	61492	44.31	ng	#	52
51) Acenaphthene	11.27	154	221734	42.21	ng		99
52) 3-Nitroaniline	11.21	138	72257	45.79	ng	#	93
53) 2,4-Dinitrophenol	11.44	184	14894	38.92	ng		97
54) Dibenzofuran	11.60	168	341912	42.61	ng		95
55) 4-Nitrophenol	11.65	139	34615	31.53	ng		83
56) 2,4-Dinitrotoluene	11.67	165	84538	47.03	ng	#	87
57) Fluorene	12.23	166	283337	43.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.86	232	52027	38.29	ng	#	97
59) Diethylphthalate	12.17	149	286646	44.07	ng		99
60) 4-Chlorophenyl-phenylether	12.29	204	127345	42.56	ng	#	81
61) 4-Nitroaniline	12.34	138	70297	44.07	ng		94
62) Azobenzene	12.57	77	252040	42.46	ng		95
64) 4,6-Dinitro-2-methylphenol	12.42	198	35764	41.91	ng	#	63
65) n-Nitrosodiphenylamine	12.53	169	246485	40.14	ng		98
66) 4-Bromophenyl-phenylether	13.18	248	78465	41.74	ng		99
67) Hexachlorobenzene	13.22	284	82725	40.15	ng		94
68) Atrazine	13.60	200	74571	41.93	ng		98
69) Pentachlorophenol	13.63	266	21354	28.87	ng		98
70) Phenanthrene	13.99	178	415348	40.45	ng		99
71) Anthracene	14.08	178	424739	41.98	ng		99
72) Carbazole	14.41	167	388755	41.00	ng		99
73) Di-n-butylphthalate	15.09	149	474582	44.18	ng		99
74) Fluoranthene	15.86	202	447080	41.28	ng		97
76) Benzidine	16.13	184	241401	35.95	ng		98
77) Pyrene	16.17	202	462984	42.29	ng		99
79) Butylbenzylphthalate	17.17	149	210075	50.35	ng	#	79
80) Benzo(a)anthracene	17.79	228	437918	42.21	ng		99
81) 3,3'-Dichlorobenzidine	17.79	252	143933	41.42	ng	#	97
82) Chrysene	17.84	228	401702	41.21	ng		100
83) Bis(2-ethylhexyl)phthalate	17.92	149	306265	46.80	ng	#	95
84) Di-n-octyl phthalate	18.71	149	534361	49.73	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.63	276	488934m	44.20	ng		
87) Benzo(b)fluoranthene	19.06	252	498015	44.82	ng	#	97
88) Benzo(k)fluoranthene	19.10	252	340154m	34.44	ng		
89) Benzo(a)pyrene	19.42	252	394363	40.66	ng	#	95
90) Dibenzo(a,h)anthracene	20.64	278	387848	39.94	ng	#	96
91) Benzo(g,h,i)perylene	20.95	276	388772	39.93	ng	#	94

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

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