Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
Data File : BF078646.D
Acq On : 20 Apr 2015 15:32
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

Quant Time: Apr 21 11:31:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 16:32:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	39677	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	166879	20.00	ng		0.00
38) Acenaphthene-d10	11.21	164	80519	20.00	ng		0.00
63) Phenanthrene-d10	13.94	188	160655	20.00	ng		0.00
75) Chrysene-d12	17.81	240	165127	20.00	ng		0.00
86) Perylene-d12	19.53	264	163228	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.87	112	206143	85.66	ng		0.00
7) Phenol-d6	5.36	99	254116	84.26	ng		0.00
23) Nitrobenzene-d5	6.80	82	229608	83.40	ng		0.00
41) 2,4,6-Tribromophenol	12.69	330	61854	92.62	ng		0.00
44) 2-Fluorobiphenyl	10.03	172	469636	83.37	ng		0.00
78) Terphenyl-d14	16.47	244	594058	81.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.43	88	41799	38.41	ng		94
3) Pyridine	1.91	79	140293	49.22	ng		92
4) n-Nitrosodimethylamine	1.87	42	53649	48.90	ng		89
6) Aniline	5.35	93	183195	42.83	ng	#	88
8) 2-Chlorophenol	5.52	128	115589	40.62	ng		97
9) Benzaldehyde	5.16	77	61099	30.57	ng		97
10) Phenol	5.38	94	151145	41.83	ng		97
11) bis(2-Chloroethyl)ether	5.48	93	105051	40.43	ng		95
12) 1,3-Dichlorobenzene	5.76	146	129177	41.33	ng	#	93
13) 1,4-Dichlorobenzene	5.88	146	128941	40.98	ng		98
14) 1,2-Dichlorobenzene	6.12	146	121581	41.21	ng		95
15) Benzyl Alcohol	6.14	79	98187	46.33	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.38	45	140624	40.57	ng		86
17) 2-Methylphenol	6.36	107	92666	41.94	ng		95
18) Hexachloroethane	6.67	117	44817	42.24	ng		91
19) n-Nitroso-di-n-propylamine	6.59	70	84628	42.53	ng		90
20) 3+4-Methylphenols	6.64	107	122319	41.50	ng		92
22) Acetophenone	6.56	105	161121	41.44	ng	#	91
24) Nitrobenzene	6.83	77	122000	42.39	ng		87
25) Isophorone	7.27	82	225469	43.15	ng		98
26) 2-Nitrophenol	7.38	139	59659	43.50	ng		91
27) 2,4-Dimethylphenol	7.54	122	103234	40.48	ng		96
28) bis(2-Chloroethoxy)methane	7.70	93	134628	40.18	ng		99
29) 2,4-Dichlorophenol	7.83	162	98140	42.30	ng		95
30) 1,2,4-Trichlorobenzene	7.94	180	103598	38.94	ng		98
31) Naphthalene	8.06	128	346622	39.91	ng		99
32) Benzoic acid	7.79	122	48909m	41.65	ng		
33) 4-Chloroaniline	8.22	127	150853	41.85	ng		99
34) Hexachlorobutadiene	8.31	225	60683	41.54	ng		97
35) Caprolactam	8.87	113	31002	44.76	ng		98
36) 4-Chloro-3-methylphenol	9.18	107	102363	43.72	ng		92
37) 2-Methylnaphthalene	9.32	142	235692	39.97	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.63	216	103716	41.57	ng		99
40) Hexachlorocyclopentadiene	9.61	237	35927	37.42	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.88	196	70522	44.82	ng		99
43) 2,4,5-Trichlorophenol	9.95	196	69974	42.57	ng	#	90
45) 1,1'-Biphenyl	10.20	154	271384	41.21	ng		98
46) 2-Chloronaphthalene	10.20	162	210989	40.72	ng		98
47) 2-Nitroaniline	10.44	65	63759	49.73	ng	#	79
48) Acenaphthylene	10.95	152	358996	42.90	ng		99
49) Dimethylphthalate	10.84	163	261120	43.17	ng		98
50) 2,6-Dinitrotoluene	10.94	165	56232	45.18	ng	#	52
51) Acenaphthene	11.27	154	200910	42.64	ng		99
52) 3-Nitroaniline	11.22	138	65623	46.37	ng		91
53) 2,4-Dinitrophenol	11.44	184	16285	44.51	ng		96
54) Dibenzofuran	11.60	168	310439	43.14	ng		98
55) 4-Nitrophenol	11.64	139	32680	33.04	ng	#	79
56) 2,4-Dinitrotoluene	11.67	165	78021	48.40	ng	#	76
57) Fluorene	12.23	166	259285	44.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.86	232	48915	40.14	ng	#	98
59) Diethylphthalate	12.17	149	256790	44.03	ng		100
60) 4-Chlorophenyl-phenylether	12.30	204	116552	43.44	ng	#	90
61) 4-Nitroaniline	12.34	138	64454	45.05	ng		94
62) Azobenzene	12.58	77	233366	43.84	ng		91
64) 4,6-Dinitro-2-methylphenol	12.42	198	35422	45.06	ng	#	66
65) n-Nitrosodiphenylamine	12.52	169	228617	41.14	ng		97
66) 4-Bromophenyl-phenylether	13.19	248	71398	41.96	ng		93
67) Hexachlorobenzene	13.23	284	75143	40.30	ng		99
68) Atrazine	13.60	200	67786	42.11	ng		96
69) Pentachlorophenol	13.65	266	23847	33.81	ng		100
70) Phenanthrene	13.99	178	374637	40.31	ng		99
71) Anthracene	14.08	178	380406	41.54	ng		100
72) Carbazole	14.41	167	359433	41.88	ng		99
73) Di-n-butylphthalate	15.09	149	431422	44.38	ng		99
74) Fluoranthene	15.87	202	418702	42.72	ng		92
76) Benzidine	16.13	184	227272	35.74	ng		99
77) Pyrene	16.18	202	427421	41.23	ng		99
79) Butylbenzylphthalate	17.17	149	194337	49.19	ng		87
80) Benzo(a)anthracene	17.79	228	399119	40.62	ng		98
81) 3,3'-Dichlorobenzidine	17.79	252	134081	40.75	ng	#	97
82) Chrysene	17.84	228	384317	41.63	ng		100
83) Bis(2-ethylhexyl)phthalate	17.93	149	279728	45.14	ng		98
84) Di-n-octyl phthalate	18.72	149	478137	46.99	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.72	276	450621	43.02	ng	#	88
87) Benzo(b)fluoranthene	19.10	252	404937	40.14	ng		99
88) Benzo(k)fluoranthene	19.13	252	393294m	43.87	ng		
89) Benzo(a)pyrene	19.46	252	364989	41.46	ng	#	96
90) Dibenzo(a,h)anthracene	20.74	278	360932	40.95	ng		98
91) Benzo(g,h,i)perylene	21.04	276	362969	41.07	ng		99

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

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