Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078623.D
Acq On : 18 Apr 2015 4:16
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
4/20/2015 3:56:57 PM

Quant Time: Apr 18 05:43:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 18 05:24:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	31458	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	131207	20.00	ng		0.00
38) Acenaphthene-d10	10.40	164	68436	20.00	ng		0.00
63) Phenanthrene-d10	12.22	188	140591	20.00	ng		0.00
75) Chrysene-d12	15.46	240	160249	20.00	ng		0.00
86) Perylene-d12	17.10	264	166447	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.89	112	148917	78.05	ng		0.00
7) Phenol-d6	6.28	99	194521	81.35	ng		0.00
23) Nitrobenzene-d5	7.38	82	186368	86.10	ng		0.00
41) 2,4,6-Tribromophenol	11.38	330	54417	95.88	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	374386	78.20	ng		0.00
78) Terphenyl-d14	14.21	244	547393	77.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.43	88	31067	36.01	ng	#	93
3) Pyridine	1.96	79	82611	36.55	ng		97
4) n-Nitrosodimethylamine	1.92	42	34117	39.22	ng		96
6) Aniline	6.26	93	143681	42.37	ng	#	86
8) 2-Chlorophenol	6.40	128	90288	40.02	ng		94
9) Benzaldehyde	6.10	77	45693m	28.83	ng		
10) Phenol	6.30	94	115736	40.40	ng		97
11) bis(2-Chloroethyl)ether	6.38	93	80621	39.13	ng		91
12) 1,3-Dichlorobenzene	6.59	146	98279	39.66	ng	#	93
13) 1,4-Dichlorobenzene	6.70	146	100935	40.46	ng		96
14) 1,2-Dichlorobenzene	6.88	146	92319	39.47	ng		94
15) Benzyl Alcohol	6.88	79	74299	44.22	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	110220	40.10	ng		87
17) 2-Methylphenol	7.05	107	74033	42.27	ng		97
18) Hexachloroethane	7.29	117	35545	42.26	ng	#	87
19) n-Nitroso-di-n-propylamine	7.22	70	70013	44.38	ng		93
20) 3+4-Methylphenols	7.24	107	98828	42.29	ng		98
22) Acetophenone	7.20	105	127537	41.72	ng	#	90
24) Nitrobenzene	7.40	77	99864	44.13	ng		88
25) Isophorone	7.71	82	183560	44.68	ng		99
26) 2-Nitrophenol	7.79	139	46892	43.48	ng	#	80
27) 2,4-Dimethylphenol	7.90	122	82786	41.28	ng		99
28) bis(2-Chloroethoxy)methane	8.01	93	108068	41.02	ng		100
29) 2,4-Dichlorophenol	8.10	162	77633	42.56	ng		90
30) 1,2,4-Trichlorobenzene	8.19	180	84411	40.36	ng		98
31) Naphthalene	8.27	128	273040	39.98	ng		99
32) Benzoic acid	8.04	122	39404	42.53	ng		94
33) 4-Chloroaniline	8.38	127	123569	43.60	ng		97
34) Hexachlorobutadiene	8.44	225	47956	41.76	ng		96
35) Caprolactam	8.81	113	26856	49.32	ng		98
36) 4-Chloro-3-methylphenol	9.00	107	86471	46.98	ng		91
37) 2-Methylnaphthalene	9.13	142	187483	40.44	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.34	216	84407	39.80	ng		99
40) Hexachlorocyclopentadiene	9.32	237	28967	35.84	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.50	196	57974	43.35	ng		99
43) 2,4,5-Trichlorophenol	9.55	196	57963	41.49	ng	#	85
45) 1,1'-Biphenyl	9.71	154	220952	39.47	ng		97
46) 2-Chloronaphthalene	9.72	162	178437	40.51	ng		95
47) 2-Nitroaniline	9.87	65	50207	46.07	ng		94
48) Acenaphthylene	10.23	152	299556	42.12	ng		99
49) Dimethylphthalate	10.12	163	226037	43.96	ng		98
50) 2,6-Dinitrotoluene	10.19	165	50047	47.31	ng	#	79
51) Acenaphthene	10.44	154	170323	42.54	ng		100
52) 3-Nitroaniline	10.39	138	58369	48.53	ng		99
53) 2,4-Dinitrophenol	10.52	184	13200	43.10	ng	#	80
54) Dibenzofuran	10.66	168	270027	44.15	ng		97
55) 4-Nitrophenol	10.65	139	55619m	63.39	ng		
56) 2,4-Dinitrotoluene	10.68	165	70055	51.13	ng		98
57) Fluorene	11.07	166	216572	43.69	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.82	232	47255	45.62	ng		99
59) Diethylphthalate	10.99	149	235650	47.53	ng		100
60) 4-Chlorophenyl-phenylether	11.10	204	98642	43.25	ng	#	80
61) 4-Nitroaniline	11.13	138	54470	44.80	ng		92
62) Azobenzene	11.29	77	227359	50.25	ng		94
64) 4,6-Dinitro-2-methylphenol	11.18	198	28883	42.57	ng		85
65) n-Nitrosodiphenylamine	11.26	169	198325	40.78	ng		98
66) 4-Bromophenyl-phenylether	11.69	248	62054	41.68	ng		97
67) Hexachlorobenzene	11.75	284	65292	40.02	ng	#	89
68) Atrazine	11.93	200	60277	42.79	ng		95
69) Pentachlorophenol	12.00	266	24165	37.92	ng		98
70) Phenanthrene	12.25	178	329516	40.52	ng		99
71) Anthracene	12.31	178	333077	41.56	ng		100
72) Carbazole	12.53	167	314043	41.82	ng		98
73) Di-n-butylphthalate	13.01	149	421185	49.51	ng		99
74) Fluoranthene	13.70	202	383036	44.66	ng		96
76) Benzidine	13.91	184	207347	33.60	ng		99
77) Pyrene	13.98	202	398761	39.64	ng		98
79) Butylbenzylphthalate	14.83	149	188734	49.22	ng		91
80) Benzo(a)anthracene	15.45	228	379544	39.81	ng		98
81) 3,3'-Dichlorobenzidine	15.45	252	140124	43.88	ng	#	98
82) Chrysene	15.50	228	375721	41.94	ng		99
83) Bis(2-ethylhexyl)phthalate	15.55	149	292295	48.61	ng	#	96
84) Di-n-octyl phthalate	16.32	149	517308	52.39	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.23	276	466648	45.91	ng	#	87
87) Benzo(b)fluoranthene	16.69	252	481906	46.85	ng	#	96
88) Benzo(k)fluoranthene	16.72	252	296117m	32.39	ng		
89) Benzo(a)pyrene	17.04	252	373794	41.64	ng		98
90) Dibenzo(a,h)anthracene	18.25	278	379947	42.27	ng		98
91) Benzo(g,h,i)perylene	18.55	276	367920	40.83	ng		100

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

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