Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078445.D
Acq On : 11 Apr 2015 17:46
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
4/13/2015 4:19:23 PM

Quant Time: Apr 13 11:29:55 2015
Quant Method : Y:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 05:33:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	35280	20.00	ng		0.00
21) Naphthalene-d8	8.44	136	153173	20.00	ng		0.00
38) Acenaphthene-d10	10.60	164	77715	20.00	ng		0.00
63) Phenanthrene-d10	12.42	188	159780	20.00	ng		0.00
75) Chrysene-d12	15.69	240	178035	20.00	ng		0.00
86) Perylene-d12	17.36	264	172991	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	168998	78.98	ng		0.00
7) Phenol-d6	6.46	99	221058	82.43	ng		0.00
23) Nitrobenzene-d5	7.56	82	192186	76.05	ng		0.00
41) 2,4,6-Tribromophenol	11.57	330	59575	92.43	ng		0.00
44) 2-Fluorobiphenyl	9.79	172	444301	81.72	ng		0.00
78) Terphenyl-d14	14.42	244	614652	78.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.64	88	44483m	45.97	ng		
3) Pyridine	2.22	79	109059	43.03	ng		92
4) n-Nitrosodimethylamine	2.18	42	36777	37.70	ng		95
6) Aniline	6.45	93	155722	40.95	ng	#	87
8) 2-Chlorophenol	6.59	128	100568	39.75	ng		92
9) Benzaldehyde	6.30	77	62145	34.97	ng		92
10) Phenol	6.48	94	127745	39.76	ng		94
11) bis(2-Chloroethyl)ether	6.57	93	93392	40.42	ng		94
12) 1,3-Dichlorobenzene	6.78	146	111590	40.15	ng	#	90
13) 1,4-Dichlorobenzene	6.88	146	112862	40.34	ng		98
14) 1,2-Dichlorobenzene	7.06	146	103823	39.58	ng		98
15) Benzyl Alcohol	7.06	79	80091	42.50	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	125331	40.66	ng		92
17) 2-Methylphenol	7.23	107	79661	40.55	ng		96
18) Hexachloroethane	7.48	117	29116	30.86	ng		93
19) n-Nitroso-di-n-propylamine	7.40	70	75975	42.94	ng		95
20) 3+4-Methylphenols	7.42	107	105568	40.28	ng		96
22) Acetophenone	7.38	105	141441	39.63	ng	#	89
24) Nitrobenzene	7.58	77	103074	39.02	ng	#	83
25) Isophorone	7.89	82	201832	42.08	ng		100
26) 2-Nitrophenol	7.98	139	43435	34.50	ng		95
27) 2,4-Dimethylphenol	8.06	122	88946	38.00	ng		95
28) bis(2-Chloroethoxy)methane	8.18	93	121355	39.46	ng		98
29) 2,4-Dichlorophenol	8.29	162	87228	40.96	ng		98
30) 1,2,4-Trichlorobenzene	8.37	180	92905	38.05	ng	#	97
31) Naphthalene	8.46	128	315245	39.54	ng		99
32) Benzoic acid	8.21	122	54205	49.09	ng		96
33) 4-Chloroaniline	8.56	127	137009	41.41	ng		98
34) Hexachlorobutadiene	8.62	225	54560	40.69	ng		98
35) Caprolactam	8.99	113	28979	45.58	ng		99
36) 4-Chloro-3-methylphenol	9.18	107	88692	41.27	ng	#	76
37) 2-Methylnaphthalene	9.32	142	219315	40.52	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	100651	41.80	ng		99
40) Hexachlorocyclopentadiene	9.52	237	2627	9.13	ng		81

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.69	196	67339	44.34	ng		98
43) 2,4,5-Trichlorophenol	9.73	196	70864	44.67	ng	#	91
45) 1,1'-Biphenyl	9.90	154	263846	41.51	ng		99
46) 2-Chloronaphthalene	9.92	162	200425	40.07	ng		99
47) 2-Nitroaniline	10.06	65	59489	48.07	ng	#	57
48) Acenaphthylene	10.42	152	331803	41.08	ng		99
49) Dimethylphthalate	10.30	163	249336	42.70	ng	#	98
50) 2,6-Dinitrotoluene	10.37	165	49844	41.49	ng	#	73
51) Acenaphthene	10.64	154	188163	41.38	ng		100
52) 3-Nitroaniline	10.57	138	60314	44.16	ng		87
53) 2,4-Dinitrophenol	10.72	184	859	10.21	ng		90
54) Dibenzofuran	10.85	168	294017	42.33	ng		97
55) 4-Nitrophenol	10.82	139	35640m	36.98	ng		
56) 2,4-Dinitrotoluene	10.86	165	64979	41.77	ng	#	82
57) Fluorene	11.28	166	246579	43.80	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.01	232	54792	46.58	ng		99
59) Diethylphthalate	11.17	149	248454	44.13	ng		98
60) 4-Chlorophenyl-phenylether	11.29	204	111802	43.17	ng	#	80
61) 4-Nitroaniline	11.32	138	68829	49.85	ng		95
62) Azobenzene	11.48	77	217430	42.32	ng		95
64) 4,6-Dinitro-2-methylphenol	11.37	198	4017	12.72	ng	#	73
65) n-Nitrosodiphenylamine	11.44	169	217376	39.33	ng		99
66) 4-Bromophenyl-phenylether	11.89	248	67955	40.16	ng	#	85
67) Hexachlorobenzene	11.94	284	71637	38.63	ng	#	90
68) Atrazine	12.12	200	65796	41.10	ng		96
69) Pentachlorophenol	12.20	266	40412	52.14	ng		99
70) Phenanthrene	12.45	178	369238	39.95	ng		100
71) Anthracene	12.51	178	366410	40.23	ng		100
72) Carbazole	12.73	167	344731	40.39	ng		99
73) Di-n-butylphthalate	13.20	149	446596	46.19	ng		99
74) Fluoranthene	13.92	202	415555	42.63	ng		95
76) Benzidine	14.11	184	335812	48.99	ng		100
77) Pyrene	14.19	202	420549	37.63	ng		98
79) Butylbenzylphthalate	15.04	149	194905	45.76	ng		97
80) Benzo(a)anthracene	15.68	228	425088	40.13	ng		99
81) 3,3'-Dichlorobenzidine	15.67	252	154666	43.60	ng	#	98
82) Chrysene	15.72	228	396952	39.88	ng		99
83) Bis(2-ethylhexyl)phthalate	15.76	149	304982	45.65	ng	#	94
84) Di-n-octyl phthalate	16.53	149	524164	47.78	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.59	276	445883	39.48	ng	#	87
87) Benzo(b)fluoranthene	16.93	252	465428	43.53	ng	#	97
88) Benzo(k)fluoranthene	16.97	252	342244m	36.02	ng		
89) Benzo(a)pyrene	17.30	252	382531	41.00	ng	#	95
90) Dibenzo(a,h)anthracene	18.61	278	355970	38.11	ng	#	95
91) Benzo(g,h,i)perylene	18.95	276	353430	37.73	ng		97

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

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