Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078644.D
Acq On : 18 Apr 2015 14:44
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
4/20/2015 3:58:21 PM

Quant Time: Apr 20 13:56:00 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 05:04:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	30784	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	135761	20.00	ng		0.01
38) Acenaphthene-d10	10.41	164	72204	20.00	ng		0.00
63) Phenanthrene-d10	12.23	188	143475	20.00	ng		0.01
75) Chrysene-d12	15.47	240	162422	20.00	ng		0.01
86) Perylene-d12	17.15	264	174643	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	150405	80.56	ng		0.00
7) Phenol-d6	6.30	99	196550	84.00	ng		0.01
23) Nitrobenzene-d5	7.38	82	183060	81.73	ng		0.00
41) 2,4,6-Tribromophenol	11.39	330	55879	93.31	ng		0.01
44) 2-Fluorobiphenyl	9.61	172	407687	80.71	ng		0.01
78) Terphenyl-d14	14.22	244	566001	78.74	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.44	88	28077	33.26	ng	#	90
3) Pyridine	1.98	79	80636	36.46	ng		95
4) n-Nitrosodimethylamine	1.92	42	39928	46.90	ng	#	76
6) Aniline	6.26	93	142046	42.81	ng		90
8) 2-Chlorophenol	6.41	128	91723	41.55	ng		98
9) Benzaldehyde	6.11	77	46507	29.99	ng		99
10) Phenol	6.31	94	103046	36.75	ng		93
11) bis(2-Chloroethyl)ether	6.39	93	80389	39.87	ng		98
12) 1,3-Dichlorobenzene	6.59	146	97291	40.12	ng		98
13) 1,4-Dichlorobenzene	6.70	146	98551	40.37	ng		99
14) 1,2-Dichlorobenzene	6.88	146	96059	41.97	ng		99
15) Benzyl Alcohol	6.89	79	78106	47.50	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	111693	41.53	ng		76
17) 2-Methylphenol	7.06	107	73635	42.96	ng		95
18) Hexachloroethane	7.29	117	32296	39.23	ng	#	75
19) n-Nitroso-di-n-propylamine	7.23	70	68748	44.53	ng		98
20) 3+4-Methylphenols	7.26	107	98420	43.04	ng		99
22) Acetophenone	7.21	105	130601	41.29	ng	#	96
24) Nitrobenzene	7.40	77	93509	39.94	ng	#	78
25) Isophorone	7.71	82	180333	42.42	ng	#	93
26) 2-Nitrophenol	7.80	139	35511	31.83	ng		97
27) 2,4-Dimethylphenol	7.91	122	79739	38.43	ng		98
28) bis(2-Chloroethoxy)methane	8.01	93	110679	40.60	ng		98
29) 2,4-Dichlorophenol	8.11	162	77851	41.24	ng		90
30) 1,2,4-Trichlorobenzene	8.20	180	86216	39.84	ng		99
31) Naphthalene	8.28	128	281019	39.77	ng		99
32) Benzoic acid	8.06	122	48297	49.32	ng		94
33) 4-Chloroaniline	8.38	127	120676	41.16	ng	#	96
34) Hexachlorobutadiene	8.44	225	49361	41.54	ng		97
35) Caprolactam	8.83	113	26480	47.00	ng		91
36) 4-Chloro-3-methylphenol	9.02	107	86498	45.42	ng		93
37) 2-Methylnaphthalene	9.14	142	199083	41.50	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.35	216	88561	39.58	ng		99
40) Hexachlorocyclopentadiene	9.34	237	3795	10.42	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.51	196	62129	44.03	ng		98
43) 2,4,5-Trichlorophenol	9.56	196	60436	41.00	ng	#	86
45) 1,1'-Biphenyl	9.72	154	234847	39.76	ng		98
46) 2-Chloronaphthalene	9.74	162	183696	39.53	ng		100
47) 2-Nitroaniline	9.88	65	56613	49.24	ng	#	83
48) Acenaphthylene	10.24	152	311049	41.45	ng		99
49) Dimethylphthalate	10.12	163	223487	41.20	ng		99
50) 2,6-Dinitrotoluene	10.20	165	45751	40.99	ng		99
51) Acenaphthene	10.46	154	173943	41.17	ng		99
52) 3-Nitroaniline	10.40	138	61905	48.78	ng		85
54) Dibenzofuran	10.66	168	262423	40.67	ng	#	90
55) 4-Nitrophenol	10.65	139	20717m	24.17	ng		
56) 2,4-Dinitrotoluene	10.70	165	63963	44.25	ng		94
57) Fluorene	11.09	166	221108	42.27	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.83	232	50893	46.57	ng		99
59) Diethylphthalate	10.99	149	233094	44.57	ng		97
60) 4-Chlorophenyl-phenylether	11.11	204	106726	44.35	ng	#	90
61) 4-Nitroaniline	11.14	138	57796	45.05	ng		95
62) Azobenzene	11.30	77	235100	49.25	ng		87
65) n-Nitrosodiphenylamine	11.26	169	196744	39.64	ng		99
66) 4-Bromophenyl-phenylether	11.70	248	64447	42.41	ng		93
67) Hexachlorobenzene	11.75	284	66909	40.18	ng	#	78
68) Atrazine	11.94	200	58703	40.84	ng		95
69) Pentachlorophenol	12.01	266	31023	45.70	ng		97
70) Phenanthrene	12.26	178	347089	41.82	ng		100
71) Anthracene	12.32	178	337486	41.27	ng		100
72) Carbazole	12.54	167	319166	41.64	ng		98
73) Di-n-butylphthalate	13.01	149	440577	50.74	ng		99
74) Fluoranthene	13.71	202	396051	45.25	ng		96
76) Benzidine	13.92	184	230177	36.80	ng		99
77) Pyrene	13.99	202	397264	38.96	ng		97
79) Butylbenzylphthalate	14.85	149	217111	55.87	ng	#	86
80) Benzo(a)anthracene	15.46	228	398595	41.25	ng		99
81) 3,3'-Dichlorobenzidine	15.46	252	147527	45.58	ng	#	99
82) Chrysene	15.51	228	378512	41.69	ng		100
83) Bis(2-ethylhexyl)phthalate	15.57	149	318424	52.24	ng	#	97
84) Di-n-octyl phthalate	16.34	149	590150	58.97	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.33	276	461916	44.83	ng	#	86
87) Benzo(b)fluoranthene	16.73	252	426719	39.53	ng		99
88) Benzo(k)fluoranthene	16.77	252	386889m	40.34	ng		
89) Benzo(a)pyrene	17.10	252	394911	41.92	ng		99
90) Dibenzo(a,h)anthracene	18.35	278	380584	40.35	ng		96
91) Benzo(g,h,i)perylene	18.66	276	359798	38.05	ng		97

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

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