Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105327.D
Acq On : 12 May 2018 10:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 14 06:42:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 11 17:15:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	165413	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	714175	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	322415	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	601524	20.00	ng		0.00
75) Chrysene-d12	14.00	240	487245	20.00	ng		-0.02
86) Perylene-d12	15.53	264	489375	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	822974	74.83	ng		0.00
7) Phenol-d6	6.43	99	1011365	77.39	ng		0.00
23) Nitrobenzene-d5	7.36	82	942902	76.84	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	318659	76.50	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1578596	70.57	ng		0.00
78) Terphenyl-d14	12.90	244	1501858	66.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	195113	39.159	ng		89
3) Pyridine	3.25	79	493735	38.186	ng		89
4) n-Nitrosodimethylamine	3.20	42	220926	34.905	ng		90
6) Aniline	6.46	93	674459	39.801	ng	#	87
8) 2-Chlorophenol	6.58	128	451335	38.638	ng		99
9) Benzaldehyde	6.35	77	337941	38.037	ng		99
10) Phenol	6.45	94	570509	38.265	ng		79
11) bis(2-Chloroethyl)ether	6.53	93	468399	42.748	ng		95
12) 1,3-Dichlorobenzene	6.73	146	497333	38.675	ng		99
13) 1,4-Dichlorobenzene	6.81	146	519151	39.536	ng		100
14) 1,2-Dichlorobenzene	6.96	146	462950	38.256	ng		98
15) Benzyl Alcohol	6.94	79	380444	37.521	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	769143	39.955	ng		96
17) 2-Methylphenol	7.05	107	386973	39.242	ng		96
18) Hexachloroethane	7.30	117	183091	38.591	ng		94
19) n-Nitroso-di-n-propylamine	7.21	70	318547	38.564	ng		94
20) 3+4-Methylphenols	7.20	107	450294	38.355	ng	#	64
22) Acetophenone	7.20	105	612084	37.305	ng	#	85
24) Nitrobenzene	7.38	77	502129	38.864	ng		99
25) Isophorone	7.62	82	889349	38.293	ng		99
26) 2-Nitrophenol	7.69	139	259375	39.788	ng		99
27) 2,4-Dimethylphenol	7.73	122	407758	38.079	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	555609	39.003	ng		99
29) 2,4-Dichlorophenol	7.93	162	384207	38.289	ng		100
30) 1,2,4-Trichlorobenzene	8.02	180	401250	37.806	ng		99
31) Naphthalene	8.10	128	1300351	37.393	ng		99
32) Benzoic acid	7.85	122	280444	35.255	ng		96
33) 4-Chloroaniline	8.15	127	564998	39.133	ng		99
34) Hexachlorobutadiene	8.21	225	208989	36.552	ng		99
35) Caprolactam	8.53	113	121872	39.300	ng	#	85
36) 4-Chloro-3-methylphenol	8.63	107	415614	38.478	ng		98
37) 2-Methylnaphthalene	8.79	142	882643	37.740	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	364871	37.511	ng		98
40) Hexachlorocyclopentadiene	8.93	237	243890	37.050	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	243651	36.838	ng		97
43) 2,4,5-Trichlorophenol	9.10	196	272029	38.060	ng		95
45) 1,1'-Biphenyl	9.25	154	1063098	37.049	ng		100
46) 2-Chloronaphthalene	9.27	162	797944	37.128	ng		99
47) 2-Nitroaniline	9.37	65	284576	39.411	ng		89
48) Acenaphthylene	9.69	152	1230655	37.360	ng		99
49) Dimethylphthalate	9.56	163	938724	37.926	ng		99
50) 2,6-Dinitrotoluene	9.62	165	209256	38.400	ng		92
51) Acenaphthene	9.86	154	739557	33.913	ng		98
52) 3-Nitroaniline	9.79	138	242629	38.642	ng		95
53) 2,4-Dinitrophenol	9.89	184	123646	38.609	ng	#	24
54) Dibenzofuran	10.03	168	1079363	36.846	ng		96
55) 4-Nitrophenol	9.95	139	186611	36.336	ng		97
56) 2,4-Dinitrotoluene	10.02	165	273052	38.516	ng		95
57) Fluorene	10.38	166	819171	36.954	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	223681	37.879	ng		97
59) Diethylphthalate	10.25	149	911035	36.895	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	375730	36.597	ng		100
61) 4-Nitroaniline	10.40	138	257291	40.984	ng		98
62) Azobenzene	10.53	77	903443	37.384	ng		96
64) 4,6-Dinitro-2-methylphenol	10.43	198	146693	40.671	ng		96
65) n-Nitrosodiphenylamine	10.49	169	755186	37.440	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	246784	36.881	ng		97
67) Hexachlorobenzene	10.92	284	286720	37.488	ng	#	90
68) Atrazine	11.02	200	243513	37.981	ng		97
69) Pentachlorophenol	11.12	266	172599	37.403	ng		97
70) Phenanthrene	11.34	178	1218170	35.934	ng		99
71) Anthracene	11.39	178	1315472	37.488	ng		100
72) Carbazole	11.55	167	1185157	38.587	ng		100
73) Di-n-butylphthalate	11.87	149	1404899	37.044	ng		99
74) Fluoranthene	12.53	202	1290729	38.302	ng		99
76) Benzidine	12.66	184	756937	38.622	ng		99
77) Pyrene	12.76	202	1321198	35.138	ng		100
79) Butylbenzylphthalate	13.39	149	615524	37.161	ng		96
80) Benzo(a)anthracene	13.99	228	1048868	36.869	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	428736	39.163	ng		98
82) Chrysene	14.03	228	1108020	39.528	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	785236	39.150	ng		97
84) Di-n-octyl phthalate	14.65	149	1433292	43.508	ng		97
85) Indeno(1,2,3-cd)pyrene	16.98	276	1006701	39.444	ng		97
87) Benzo(b)fluoranthene	15.10	252	1073968	36.817	ng		99
88) Benzo(k)fluoranthene	15.13	252	1068814	37.890	ng		98
89) Benzo(a)pyrene	15.47	252	1038619	38.238	ng		100
90) Dibenzo(a,h)anthracene	17.00	278	883053	34.670	ng		97
91) Benzo(g,h,i)perylene	17.42	276	805164	32.890	ng		96

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

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