Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085060.D
Acq On : 13 Feb 2016 00:52
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/15/2016 4:44:39 PM

Quant Time: Feb 13 04:00:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 13 00:11:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	154475	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	674326	20.00	ng		0.00
38) Acenaphthene-d10	10.59	164	312252	20.00	ng		0.01
63) Phenanthrene-d10	12.99	188	575862	20.00	ng		0.00
75) Chrysene-d12	17.18	240	417309	20.00	ng		0.00
86) Perylene-d12	18.80	264	303076	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.16	112	711269m	80.51	ng		0.00
7) Phenol-d6	5.44	99	985363	83.69	ng		0.00
23) Nitrobenzene-d5	6.72	82	922850	80.82	ng		0.00
41) 2,4,6-Tribromophenol	11.88	330	265932	82.46	ng		0.00
44) 2-Fluorobiphenyl	9.53	172	1771081	81.08	ng		0.00
78) Terphenyl-d14	15.62	244	1564758	77.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	153328	42.13	ng		95
3) Pyridine	2.43	79	343068	40.35	ng		97
4) n-Nitrosodimethylamine	2.41	42	157296	35.96	ng		95
6) Aniline	5.46	93	517685	39.22	ng		92
8) 2-Chlorophenol	5.59	128	451326	41.56	ng		95
9) Benzaldehyde	5.31	77	267140	42.12	ng		94
10) Phenol	5.46	94	553899	40.22	ng		89
11) bis(2-Chloroethyl)ether	5.53	93	513995	43.11	ng		98
12) 1,3-Dichlorobenzene	5.79	146	437079	40.47	ng		97
13) 1,4-Dichlorobenzene	5.91	146	478473	39.81	ng		98
14) 1,2-Dichlorobenzene	6.11	146	468722	41.49	ng		99
15) Benzyl Alcohol	6.18	79	237192	32.97	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.30	45	749766	41.33	ng		97
17) 2-Methylphenol	6.34	107	282796	35.97	ng		96
18) Hexachloroethane	6.58	117	188879	42.65	ng	#	86
19) n-Nitroso-di-n-propylamine	6.50	70	303504	40.92	ng		95
20) 3+4-Methylphenols	6.57	107	333222	35.25	ng	#	86
22) Acetophenone	6.50	105	694636	40.19	ng		98
24) Nitrobenzene	6.74	77	489924	39.27	ng		97
25) Isophorone	7.10	82	827377	40.39	ng		99
26) 2-Nitrophenol	7.23	139	245681	41.08	ng		97
27) 2,4-Dimethylphenol	7.35	122	380632	39.34	ng		98
28) bis(2-Chloroethoxy)methane	7.47	93	503663	39.61	ng		98
29) 2,4-Dichlorophenol	7.63	162	353433	40.19	ng		97
30) 1,2,4-Trichlorobenzene	7.70	180	410396	40.48	ng		97
31) Naphthalene	7.82	128	1390873	42.54	ng		99
32) Benzoic acid	7.64	122	156192	34.83	ng		100
33) 4-Chloroaniline	7.98	127	484699	39.08	ng		99
34) Hexachlorobutadiene	8.01	225	229858	40.49	ng		99
35) Caprolactam	8.56	113	89757	37.96	ng		96
36) 4-Chloro-3-methylphenol	8.81	107	403221	40.44	ng		97
37) 2-Methylnaphthalene	8.92	142	814979	39.08	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	404619	40.11	ng		98
40) Hexachlorocyclopentadiene	9.16	237	142023	38.83	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.43	196	205428	36.92	ng	97
43) 2,4,5-Trichlorophenol	9.50	196	259451	40.08	ng	98
45) 1,1'-Biphenyl	9.69	154	1150768	40.52	ng	100
46) 2-Chloronaphthalene	9.70	162	812892	40.39	ng	98
47) 2-Nitroaniline	9.94	65	247719	39.87	ng	99
48) Acenaphthylene	10.35	152	1276804	39.96	ng	99
49) Dimethylphthalate	10.23	163	935333	39.95	ng	99
50) 2,6-Dinitrotoluene	10.33	165	190999	39.77	ng	91
51) Acenaphthene	10.64	154	767804	39.74	ng	99
52) 3-Nitroaniline	10.63	138	216706	40.61	ng	96
53) 2,4-Dinitrophenol	10.81	184	55878	33.04	ng	95
54) Dibenzofuran	10.92	168	1022221	39.56	ng	98
55) 4-Nitrophenol	11.04	139	124135	36.26	ng	90
56) 2,4-Dinitrotoluene	10.98	165	274740	41.99	ng	91
57) Fluorene	11.48	166	887125	40.03	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.16	232	208693	40.76	ng	98
59) Diethylphthalate	11.37	149	936512	40.37	ng	99
60) 4-Chlorophenyl-phenylether	11.51	204	430127	40.50	ng	95
61) 4-Nitroaniline	11.63	138	200092	40.81	ng	98
62) Azobenzene	11.77	77	903290	40.42	ng	96
64) 4,6-Dinitro-2-methylphenol	11.64	198	121020	37.66	ng	91
65) n-Nitrosodiphenylamine	11.72	169	719805	39.37	ng	98
66) 4-Bromophenyl-phenylether	12.30	248	259226	40.41	ng	92
67) Hexachlorobenzene	12.35	284	277261	40.43	ng	96
68) Atrazine	12.64	200	204501	38.59	ng	97
69) Pentachlorophenol	12.73	266	100503	36.67	ng	95
70) Phenanthrene	13.03	178	1235575	38.91	ng	98
71) Anthracene	13.12	178	1359239	40.97	ng	99
72) Carbazole	13.43	167	1116833	40.65	ng	99
73) Di-n-butylphthalate	14.03	149	1419844	39.37	ng	100
74) Fluoranthene	14.96	202	1308750	41.37	ng	99
76) Benzidine	15.27	184	302218	33.69	ng	99
77) Pyrene	15.31	202	1305645	39.11	ng	100
79) Butylbenzylphthalate	16.45	149	558642	39.79	ng	98
80) Benzo(a)anthracene	17.17	228	960158	39.74	ng	99
81) 3,3'-Dichlorobenzidine	17.17	252	299981	42.71	ng	98
82) Chrysene	17.21	228	962847	41.09	ng	100
83) Bis(2-ethylhexyl)phthalate	17.27	149	755220	40.92	ng	99
84) Di-n-octyl phthalate	18.02	149	1117436	42.61	ng	99
85) Indeno(1,2,3-cd)pyrene	20.09	276	771350	39.62	ng	99
87) Benzo(b)fluoranthene	18.41	252	744865	37.49	ng	99
88) Benzo(k)fluoranthene	18.43	252	702553m	44.26	ng	
89) Benzo(a)pyrene	18.74	252	667691	39.74	ng	99
90) Dibenzo(a,h)anthracene	20.11	278	638434	40.03	ng	96
91) Benzo(g,h,i)perylene	20.48	276	646794	39.06	ng	98

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

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