Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084667.D
Acq On : 30 Jan 2016 6:32
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/1/2016 2:25:26 PM

Quant Time: Feb 01 00:51:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	169899	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	659526	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	313391	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	572757	20.00	ng		0.00
75) Chrysene-d12	13.87	240	391058	20.00	ng		0.00
86) Perylene-d12	15.25	264	317944	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	821699	73.00	ng		0.00
7) Phenol-d6	6.37	99	1056932	78.35	ng		0.00
23) Nitrobenzene-d5	7.30	82	982296	83.24	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	264366	80.49	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1638451	77.71	ng		0.00
78) Terphenyl-d14	12.83	244	1571338	90.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	186260	35.49	ng	#	74
3) Pyridine	2.90	79	517401	37.00	ng	#	73
4) n-Nitrosodimethylamine	2.85	42	236943	34.66	ng		82
6) Aniline	6.38	93	639883	36.95	ng	#	55
8) 2-Chlorophenol	6.51	128	500794	40.11	ng		97
9) Benzaldehyde	6.27	77	313342	40.11	ng		95
10) Phenol	6.38	94	610881	40.63	ng		76
11) bis(2-Chloroethyl)ether	6.46	93	431213m	36.88	ng		
12) 1,3-Dichlorobenzene	6.66	146	488469m	36.52	ng		
13) 1,4-Dichlorobenzene	6.74	146	489237	37.27	ng		97
14) 1,2-Dichlorobenzene	6.90	146	484832	40.11	ng		96
15) Benzyl Alcohol	6.88	79	359280	39.13	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	743783	37.16	ng		86
17) 2-Methylphenol	6.99	107	369806	38.21	ng		95
18) Hexachloroethane	7.24	117	199848	38.92	ng	#	84
19) n-Nitroso-di-n-propylamine	7.15	70	322344	39.12	ng	#	78
20) 3+4-Methylphenols	7.15	107	437323	37.24	ng	#	76
22) Acetophenone	7.14	105	657017	38.14	ng	#	97
24) Nitrobenzene	7.31	77	450962	35.95	ng		95
25) Isophorone	7.56	82	903349	40.86	ng		95
26) 2-Nitrophenol	7.63	139	255306	42.80	ng	#	87
27) 2,4-Dimethylphenol	7.68	122	384097	36.75	ng		95
28) bis(2-Chloroethoxy)methane	7.77	93	497396	37.48	ng		99
29) 2,4-Dichlorophenol	7.88	162	370002	40.47	ng		93
30) 1,2,4-Trichlorobenzene	7.95	180	407736	39.00	ng		97
31) Naphthalene	8.03	128	1221879	36.70	ng		99
32) Benzoic acid	7.81	122	314193	39.16	ng		92
33) 4-Chloroaniline	8.09	127	530728	39.20	ng		98
34) Hexachlorobutadiene	8.16	225	243904	39.48	ng		98
35) Caprolactam	8.46	113	106267	40.51	ng	#	42
36) 4-Chloro-3-methylphenol	8.58	107	437015	43.42	ng		96
37) 2-Methylnaphthalene	8.73	142	886299	43.37	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	362503	35.67	ng		99
40) Hexachlorocyclopentadiene	8.88	237	175935	38.07	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	249569	39.53	ng		92
43) 2,4,5-Trichlorophenol	9.05	196	262629	40.29	ng	#	88
45) 1,1'-Biphenyl	9.20	154	1108199	38.58	ng		94
46) 2-Chloronaphthalene	9.21	162	790718	37.73	ng		98
47) 2-Nitroaniline	9.31	65	236336	37.55	ng		97
48) Acenaphthylene	9.63	152	1239593	39.04	ng		99
49) Dimethylphthalate	9.49	163	900096	38.27	ng	#	90
50) 2,6-Dinitrotoluene	9.56	165	207808	40.15	ng		89
51) Acenaphthene	9.80	154	852596	40.10	ng		97
52) 3-Nitroaniline	9.72	138	208336	38.53	ng		96
53) 2,4-Dinitrophenol	9.84	184	96725	37.88	ng	#	76
54) Dibenzofuran	9.97	168	991459	39.07	ng		96
55) 4-Nitrophenol	9.89	139	153404	38.62	ng	#	80
56) 2,4-Dinitrotoluene	9.96	165	293054	43.59	ng		90
57) Fluorene	10.30	166	802593	37.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	202332	41.05	ng		93
59) Diethylphthalate	10.19	149	904975	39.30	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	396200	41.03	ng		97
61) 4-Nitroaniline	10.34	138	244708	47.81	ng		90
62) Azobenzene	10.46	77	936225	42.48	ng		93
64) 4,6-Dinitro-2-methylphenol	10.36	198	151330	40.45	ng	#	66
65) n-Nitrosodiphenylamine	10.43	169	742534	39.98	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	273425	42.39	ng		99
67) Hexachlorobenzene	10.85	284	269456	38.40	ng	#	90
68) Atrazine	10.96	200	223789	40.22	ng		98
69) Pentachlorophenol	11.05	266	140766	41.53	ng		97
70) Phenanthrene	11.26	178	1178852	37.22	ng		98
71) Anthracene	11.32	178	1326839	41.21	ng		100
72) Carbazole	11.47	167	1068038	38.49	ng		99
73) Di-n-butylphthalate	11.81	149	1344635	39.84	ng	#	96
74) Fluoranthene	12.45	202	1281681	40.93	ng		93
76) Benzidine	12.58	184	429395	28.87	ng		98
77) Pyrene	12.67	202	1230826	41.73	ng		99
79) Butylbenzylphthalate	13.31	149	544501	43.21	ng	#	81
80) Benzo(a)anthracene	13.86	228	940419	38.58	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	331864	38.69	ng	#	93
82) Chrysene	13.89	228	919445	38.27	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	718133	43.94	ng	#	96
84) Di-n-octyl phthalate	14.48	149	1061112	41.09	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.57	276	797657	37.55	ng		99
87) Benzo(b)fluoranthene	14.87	252	961208m	46.69	ng		
88) Benzo(k)fluoranthene	14.90	252	575126m	33.82	ng		
89) Benzo(a)pyrene	15.20	252	709394	39.83	ng	#	96
90) Dibenzo(a,h)anthracene	16.58	278	669170	41.69	ng	#	95
91) Benzo(g,h,i)perylene	16.96	276	698336	43.10	ng		99

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

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