Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
Data File : BF093703.D
Acq On : 16 Mar 2017 13:43
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/17/2017 2:29:38 PM

Quant Time: Mar 17 03:09:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	161814	20.00	ng		-0.02
21) Naphthalene-d8	7.99	136	682144	20.00	ng		-0.02
38) Acenaphthene-d10	9.74	164	311890	20.00	ng		-0.02
63) Phenanthrene-d10	11.22	188	535975	20.00	ng		-0.02
75) Chrysene-d12	13.87	240	448937	20.00	ng		-0.02
86) Perylene-d12	15.26	264	362058	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	887307	91.26	ng		-0.03
7) Phenol-d6	6.36	99	998505	81.44	ng		-0.02
23) Nitrobenzene-d5	7.28	82	1065103	86.63	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	189935	93.47	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	1403492	83.70	ng		-0.02
78) Terphenyl-d14	12.80	244	1304022	75.52	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	219673	41.02	ng	#	81
3) Pyridine	2.84	79	616326	45.14	ng		88
4) n-Nitrosodimethylamine	2.80	42	273880	42.00	ng		79
6) Aniline	6.37	93	699998	41.60	ng	#	72
8) 2-Chlorophenol	6.48	128	453812	41.66	ng		87
9) Benzaldehyde	6.25	77	278287	35.43	ng		96
10) Phenol	6.38	94	657331	43.75	ng		84
11) bis(2-Chloroethyl)ether	6.44	93	521232	42.93	ng		91
12) 1,3-Dichlorobenzene	6.63	146	509888m	40.89	ng		
13) 1,4-Dichlorobenzene	6.71	146	524341	41.07	ng		98
14) 1,2-Dichlorobenzene	6.87	146	469180	41.50	ng		95
15) Benzyl Alcohol	6.86	79	360427	41.24	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	910219	45.12	ng	#	43
17) 2-Methylphenol	6.98	107	398919	43.30	ng	#	89
18) Hexachloroethane	7.20	117	183017	42.51	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	359446	42.64	ng	#	94
20) 3+4-Methylphenols	7.14	107	554628	46.41	ng	#	72
22) Acetophenone	7.12	105	656199	39.97	ng	#	99
24) Nitrobenzene	7.29	77	560697	40.58	ng		96
25) Isophorone	7.53	82	976923	39.40	ng	#	93
26) 2-Nitrophenol	7.61	139	257139	40.79	ng	#	90
27) 2,4-Dimethylphenol	7.67	122	387997	37.83	ng		96
28) bis(2-Chloroethoxy)methane	7.75	93	648669	41.45	ng		99
29) 2,4-Dichlorophenol	7.88	162	383509	39.75	ng		94
30) 1,2,4-Trichlorobenzene	7.93	180	390334	38.04	ng		95
31) Naphthalene	8.01	128	1344359	39.33	ng		98
32) Benzoic acid	7.83	122	206916	38.83	ng		92
33) 4-Chloroaniline	8.08	127	546912	39.43	ng		99
34) Hexachlorobutadiene	8.13	225	216338	40.93	ng		99
35) Caprolactam	8.46	113	125452	38.07	ng	#	24
36) 4-Chloro-3-methylphenol	8.58	107	422155	40.99	ng		99
37) 2-Methylnaphthalene	8.71	142	837159	38.49	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	364152	42.76	ng		99
40) Hexachlorocyclopentadiene	8.85	237	54858	33.76	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	245794	46.19	ng		90
43) 2,4,5-Trichlorophenol	9.05	196	253553	44.41	ng		95
45) 1,1'-Biphenyl	9.17	154	977502	43.02	ng		97
46) 2-Chloronaphthalene	9.19	162	787477	45.28	ng		94
47) 2-Nitroaniline	9.30	65	306399	49.84	ng	#	79
48) Acenaphthylene	9.60	152	1243221	43.34	ng		99
49) Dimethylphthalate	9.48	163	851123	41.16	ng		99
50) 2,6-Dinitrotoluene	9.56	165	200436	44.18	ng	#	80
51) Acenaphthene	9.77	154	713014	42.04	ng		97
52) 3-Nitroaniline	9.73	138	253722	46.55	ng		87
53) 2,4-Dinitrophenol	9.86	184	66085	31.98	ng	#	68
54) Dibenzofuran	9.94	168	990797	46.67	ng		97
55) 4-Nitrophenol	9.93	139	52937m	19.99	ng		
56) 2,4-Dinitrotoluene	9.97	165	268296	48.13	ng	#	77
57) Fluorene	10.29	166	765925	42.58	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	192195	47.70	ng		92
59) Diethylphthalate	10.17	149	918956	46.50	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	350899	43.52	ng		97
61) 4-Nitroaniline	10.34	138	220528	39.56	ng		85
62) Azobenzene	10.44	77	879578	39.17	ng		95
64) 4,6-Dinitro-2-methylphenol	10.38	198	117314	33.78	ng		90
65) n-Nitrosodiphenylamine	10.40	169	664718	37.14	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	214995	37.93	ng		95
67) Hexachlorobenzene	10.84	284	210226	38.84	ng	#	87
68) Atrazine	10.94	200	216156	41.27	ng		98
69) Pentachlorophenol	11.05	266	60804	32.54	ng		98
70) Phenanthrene	11.25	178	1142048	37.33	ng		98
71) Anthracene	11.30	178	1256099	40.59	ng		98
72) Carbazole	11.46	167	1140853	39.24	ng		99
73) Di-n-butylphthalate	11.78	149	1273193	37.85	ng	#	97
74) Fluoranthene	12.44	202	1224194	41.43	ng		96
76) Benzidine	12.56	184	511699	34.66	ng		99
77) Pyrene	12.67	202	1276668	39.10	ng		99
79) Butylbenzylphthalate	13.27	149	548867	39.93	ng		99
80) Benzo(a)anthracene	13.85	228	1037399	39.13	ng		100
81) 3,3'-Dichlorobenzidine	13.82	252	367861	39.62	ng	#	95
82) Chrysene	13.89	228	974781m	39.74	ng		
83) Bis(2-ethylhexyl)phthalate	13.83	149	753197	39.32	ng	#	98
84) Di-n-octyl phthalate	14.44	149	1256167	39.34	ng		100
85) Indeno(1,2,3-cd)pyrene	16.60	276	715508	34.85	ng		94
87) Benzo(b)fluoranthene	14.87	252	1015690m	46.06	ng		
88) Benzo(k)fluoranthene	14.89	252	738566m	34.73	ng		
89) Benzo(a)pyrene	15.20	252	831389	41.26	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	614209	36.84	ng		96
91) Benzo(g,h,i)perylene	16.99	276	610774	35.69	ng	#	90

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

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