Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093314.D
Acq On : 2 Mar 2017 10:56
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/3/2017 5:16:20 PM

Quant Time: Mar 03 00:19:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	151547	20.00	ng		-0.06
21) Naphthalene-d8	8.09	136	587488	20.00	ng		-0.06
38) Acenaphthene-d10	9.86	164	306807	20.00	ng		-0.03
63) Phenanthrene-d10	11.35	188	530582	20.00	ng		-0.03
75) Chrysene-d12	13.99	240	443442	20.00	ng		-0.03
86) Perylene-d12	15.40	264	359450	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	782836	88.62	ng		-0.06
7) Phenol-d6	6.45	99	914985	80.50	ng		-0.03
23) Nitrobenzene-d5	7.38	82	896709	85.00	ng		-0.05
41) 2,4,6-Tribromophenol	10.65	330	171257	77.18	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	1302819	76.93	ng		-0.05
78) Terphenyl-d14	12.92	244	1324167	70.16	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	194570	40.76	ng		85
3) Pyridine	3.01	79	613086	50.51	ng		85
4) n-Nitrosodimethylamine	2.98	42	283409	49.73	ng		84
6) Aniline	6.46	93	596465	38.47	ng		84
8) 2-Chlorophenol	6.58	128	387397	39.75	ng		86
9) Benzaldehyde	6.34	77	275286	33.81	ng		88
10) Phenol	6.46	94	546371	41.09	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	404446	38.11	ng		90
12) 1,3-Dichlorobenzene	6.74	146	465965	40.82	ng		98
13) 1,4-Dichlorobenzene	6.82	146	462281m	40.02	ng		
14) 1,2-Dichlorobenzene	6.97	146	431884	39.10	ng		99
15) Benzyl Alcohol	6.96	79	315008	37.44	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	701236	38.03	ng		88
17) 2-Methylphenol	7.07	107	322250	38.55	ng		96
18) Hexachloroethane	7.31	117	159622	40.48	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	279024	38.57	ng		91
20) 3+4-Methylphenols	7.23	107	434113	43.43	ng	#	78
22) Acetophenone	7.22	105	552784	41.21	ng	#	97
24) Nitrobenzene	7.39	77	423285	39.07	ng		100
25) Isophorone	7.63	82	801280	40.76	ng		94
26) 2-Nitrophenol	7.71	139	217255	42.19	ng		96
27) 2,4-Dimethylphenol	7.76	122	333833	36.91	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	553401	42.50	ng		99
29) 2,4-Dichlorophenol	7.96	162	349056	41.38	ng		94
30) 1,2,4-Trichlorobenzene	8.03	180	355142	39.07	ng	#	93
31) Naphthalene	8.11	128	1123776	37.73	ng		99
32) Benzoic acid	7.90	122	168841	35.20	ng		96
33) 4-Chloroaniline	8.17	127	463775	39.71	ng		94
34) Hexachlorobutadiene	8.22	225	183578	36.71	ng		100
35) Caprolactam	8.56	113	105755	39.86	ng	#	32
36) 4-Chloro-3-methylphenol	8.67	107	360066	40.95	ng		98
37) 2-Methylnaphthalene	8.81	142	729499	38.15	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	342690	39.79	ng		99
40) Hexachlorocyclopentadiene	8.96	237	136924	35.24	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	223362	39.47	ng		95
43) 2,4,5-Trichlorophenol	9.15	196	237107	38.24	ng	#	83
45) 1,1'-Biphenyl	9.28	154	865279	38.95	ng		97
46) 2-Chloronaphthalene	9.30	162	705526	40.60	ng		95
47) 2-Nitroaniline	9.41	65	266694	45.64	ng	#	78
48) Acenaphthylene	9.72	152	1233916	41.10	ng		98
49) Dimethylphthalate	9.58	163	832719	40.30	ng		100
50) 2,6-Dinitrotoluene	9.65	165	192335	43.10	ng	#	85
51) Acenaphthene	9.89	154	709963	39.55	ng		97
52) 3-Nitroaniline	9.82	138	228082	44.66	ng		96
53) 2,4-Dinitrophenol	9.94	184	75792	36.14	ng	#	45
54) Dibenzofuran	10.06	168	925520	38.55	ng		92
55) 4-Nitrophenol	10.01	139	134677	36.61	ng		81
56) 2,4-Dinitrotoluene	10.06	165	237613	39.99	ng		94
57) Fluorene	10.41	166	822872	44.55	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	169314	40.93	ng		96
59) Diethylphthalate	10.28	149	815495	41.87	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	365815	41.23	ng	#	85
61) 4-Nitroaniline	10.44	138	235677	45.05	ng		92
62) Azobenzene	10.56	77	882308	43.85	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	137566	42.90	ng	#	65
65) n-Nitrosodiphenylamine	10.52	169	715661	42.22	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	220201	39.72	ng	#	82
67) Hexachlorobenzene	10.96	284	221823	40.49	ng		100
68) Atrazine	11.05	200	194026	35.67	ng		98
69) Pentachlorophenol	11.16	266	90154	36.21	ng		95
70) Phenanthrene	11.37	178	1216214	40.01	ng		98
71) Anthracene	11.41	178	1117076	36.59	ng		99
72) Carbazole	11.57	167	1115079	38.21	ng		99
73) Di-n-butylphthalate	11.91	149	1317461	41.75	ng	#	96
74) Fluoranthene	12.56	202	1237174	39.46	ng		93
76) Benzidine	12.68	184	711742	37.67	ng		97
77) Pyrene	12.79	202	1292355	38.94	ng		98
79) Butylbenzylphthalate	13.39	149	530396	39.36	ng		97
80) Benzo(a)anthracene	13.97	228	1037501	38.25	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	359423	37.18	ng		97
82) Chrysene	14.01	228	974636	38.38	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	770265	41.79	ng	#	98
84) Di-n-octyl phthalate	14.57	149	1295591	43.17	ng		100
85) Indeno(1,2,3-cd)pyrene	16.81	276	744983	37.88	ng	#	94
87) Benzo(b)fluoranthene	15.00	252	974473m	41.19	ng		
88) Benzo(k)fluoranthene	15.03	252	795449m	38.94	ng		
89) Benzo(a)pyrene	15.35	252	819104	40.02	ng	#	97
90) Dibenzo(a,h)anthracene	16.81	278	628223	37.98	ng	#	95
91) Benzo(g,h,i)perylene	17.22	276	641121	38.37	ng	#	89

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

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