Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092879.D
Acq On : 9 Feb 2017 10:49
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/10/2017 10:42:26 AM

Quant Time: Feb 09 12:39:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149086	20.00	ng		-0.07
21) Naphthalene-d8	8.18	136	588196	20.00	ng		-0.08
38) Acenaphthene-d10	9.94	164	338795	20.00	ng		-0.07
63) Phenanthrene-d10	11.42	188	572261	20.00	ng		-0.07
75) Chrysene-d12	14.07	240	503280	20.00	ng		-0.08
86) Perylene-d12	15.51	264	398894	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	738470	84.98	ng		-0.08
7) Phenol-d6	6.53	99	872541	78.04	ng		-0.07
23) Nitrobenzene-d5	7.46	82	844237	79.93	ng		-0.08
41) 2,4,6-Tribromophenol	10.73	330	187460	76.50	ng		-0.08
44) 2-Fluorobiphenyl	9.26	172	1529619	81.79	ng		-0.07
78) Terphenyl-d14	13.01	244	1653506	77.20	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	190446	40.56	ng	#	85
3) Pyridine	3.21	79	472368	39.56	ng		88
4) n-Nitrosodimethylamine	3.16	42	229426	40.92	ng		86
6) Aniline	6.56	93	633855	41.56	ng	#	48
8) 2-Chlorophenol	6.68	128	407351	42.49	ng		95
9) Benzaldehyde	6.44	77	296979	37.07	ng		97
10) Phenol	6.54	94	501093	38.31	ng		88
11) bis(2-Chloroethyl)ether	6.64	93	426570	40.85	ng		96
12) 1,3-Dichlorobenzene	6.83	146	443428m	39.49	ng		
13) 1,4-Dichlorobenzene	6.91	146	469105	41.28	ng		98
14) 1,2-Dichlorobenzene	7.07	146	443048	40.77	ng		94
15) Benzyl Alcohol	7.04	79	309019	37.33	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	738166	40.69	ng		93
17) 2-Methylphenol	7.16	107	354152	43.06	ng		96
18) Hexachloroethane	7.40	117	153389	39.54	ng	#	84
19) n-Nitroso-di-n-propylamine	7.31	70	270478	38.00	ng		96
20) 3+4-Methylphenols	7.31	107	378844	38.53	ng	#	80
22) Acetophenone	7.31	105	538340	40.09	ng	#	92
24) Nitrobenzene	7.48	77	455074	41.96	ng		97
25) Isophorone	7.72	82	829705	42.15	ng		98
26) 2-Nitrophenol	7.80	139	236728	45.92	ng	#	82
27) 2,4-Dimethylphenol	7.84	122	340721	37.63	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	517108	39.67	ng		99
29) 2,4-Dichlorophenol	8.04	162	350081	41.46	ng		93
30) 1,2,4-Trichlorobenzene	8.12	180	360399	39.60	ng		96
31) Naphthalene	8.20	128	1100249	36.90	ng		99
32) Benzoic acid	7.96	122	123565	27.66	ng		99
33) 4-Chloroaniline	8.26	127	499698	42.73	ng		94
34) Hexachlorobutadiene	8.32	225	196302	39.21	ng		98
35) Caprolactam	8.64	113	122935	46.28	ng	#	68
36) 4-Chloro-3-methylphenol	8.74	107	343650	39.03	ng		97
37) 2-Methylnaphthalene	8.90	142	842393	44.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	342638	36.03	ng		100
40) Hexachlorocyclopentadiene	9.05	237	141935	33.08	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	231008	36.97	ng		90
43) 2,4,5-Trichlorophenol	9.22	196	272768	39.84	ng	#	88
45) 1,1'-Biphenyl	9.36	154	899398	36.66	ng		97
46) 2-Chloronaphthalene	9.39	162	758127	39.50	ng		95
47) 2-Nitroaniline	9.48	65	239609	37.13	ng		98
48) Acenaphthylene	9.80	152	1284016	38.73	ng		99
49) Dimethylphthalate	9.66	163	885103	38.79	ng		99
50) 2,6-Dinitrotoluene	9.72	165	197679	40.11	ng	#	73
51) Acenaphthene	9.97	154	788846	39.80	ng		97
52) 3-Nitroaniline	9.89	138	208792	37.02	ng		98
53) 2,4-Dinitrophenol	10.01	184	67369	30.02	ng		94
54) Dibenzofuran	10.14	168	1037672	39.14	ng		94
55) 4-Nitrophenol	10.06	139	168899	41.58	ng	#	77
56) 2,4-Dinitrotoluene	10.13	165	291315	44.40	ng	#	76
57) Fluorene	10.49	166	852753	41.81	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	179057	39.20	ng		98
59) Diethylphthalate	10.36	149	908491	42.24	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	356792	36.41	ng		91
61) 4-Nitroaniline	10.51	138	234304	40.56	ng		91
62) Azobenzene	10.64	77	872994	39.29	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	124688	36.47	ng		84
65) n-Nitrosodiphenylamine	10.60	169	755827	41.35	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	231646	38.74	ng		94
67) Hexachlorobenzene	11.04	284	242259	41.00	ng		97
68) Atrazine	11.13	200	249513	42.53	ng		97
69) Pentachlorophenol	11.23	266	108516	39.58	ng		98
70) Phenanthrene	11.45	178	1200610	36.62	ng		99
71) Anthracene	11.50	178	1348146	40.95	ng		98
72) Carbazole	11.65	167	1144329	36.36	ng		99
73) Di-n-butylphthalate	11.98	149	1490574	43.79	ng	#	97
74) Fluoranthene	12.64	202	1325495	39.19	ng		96
76) Benzidine	12.76	184	622214	29.01	ng		99
77) Pyrene	12.86	202	1322771	35.12	ng		99
79) Butylbenzylphthalate	13.48	149	635002	41.52	ng		85
80) Benzo(a)anthracene	14.05	228	1071545	34.81	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	416749	37.98	ng	#	96
82) Chrysene	14.09	228	914995	31.75	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	857474	40.99	ng	#	95
84) Di-n-octyl phthalate	14.65	149	1433497	42.09	ng		100
85) Indeno(1,2,3-cd)pyrene	16.95	276	931898	41.75	ng		95
87) Benzo(b)fluoranthene	15.09	252	1059328	40.35	ng		97
88) Benzo(k)fluoranthene	15.12	252	872651m	38.49	ng		
89) Benzo(a)pyrene	15.45	252	895208	39.42	ng		97
90) Dibenzo(a,h)anthracene	16.96	278	797105	43.43	ng		96
91) Benzo(g,h,i)perylene	17.38	276	799999	43.14	ng	#	92

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

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