Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095383.D
Acq On : 24 May 2017 11:56
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/25/2017 5:59:53 PM

Quant Time: May 25 09:48:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	100139	20.00	ng		-0.02
21) Naphthalene-d8	9.77	136	410429	20.00	ng		-0.02
38) Acenaphthene-d10	12.60	164	187326	20.00	ng		-0.02
63) Phenanthrene-d10	15.01	188	333030	20.00	ng		-0.02
75) Chrysene-d12	18.68	240	267244	20.00	ng		-0.01
86) Perylene-d12	20.36	264	235064	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	465339	77.47	ng		-0.01
7) Phenol-d6	7.29	99	585385	81.23	ng		-0.02
23) Nitrobenzene-d5	8.66	82	507211	77.93	ng		-0.01
41) 2,4,6-Tribromophenol	13.90	330	120661	78.65	ng		-0.02
44) 2-Fluorobiphenyl	11.54	172	991839	76.21	ng		-0.02
78) Terphenyl-d14	17.32	244	976431	80.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	96018	32.60	ng		95
3) Pyridine	2.91	79	236797	34.68	ng		99
4) n-Nitrosodimethylamine	2.84	42	91276m	32.07	ng		
6) Aniline	7.26	93	394049	43.31	ng		94
8) 2-Chlorophenol	7.44	128	282219	41.28	ng		94
9) Benzaldehyde	7.08	77	155081	35.24	ng		97
10) Phenol	7.31	94	256950	33.83	ng		94
11) bis(2-Chloroethyl)ether	7.38	93	250253	39.92	ng		96
12) 1,3-Dichlorobenzene	7.65	146	313976	40.49	ng		98
13) 1,4-Dichlorobenzene	7.78	146	323461	41.13	ng		98
14) 1,2-Dichlorobenzene	8.01	146	311857	42.48	ng		97
15) Benzyl Alcohol	8.04	79	207837	44.84	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	357375	40.27	ng		80
17) 2-Methylphenol	8.25	107	242371	43.32	ng		96
18) Hexachloroethane	8.52	117	104522	39.23	ng		89
19) n-Nitroso-di-n-propylamine	8.46	70	200311	41.10	ng		94
20) 3+4-Methylphenols	8.51	107	308298	40.55	ng	#	55
22) Acetophenone	8.43	105	397541	40.37	ng	#	85
24) Nitrobenzene	8.68	77	274399	40.22	ng		94
25) Isophorone	9.09	82	479387	41.25	ng		95
26) 2-Nitrophenol	9.20	139	154436	41.95	ng		97
27) 2,4-Dimethylphenol	9.32	122	247394	41.57	ng		98
28) bis(2-Chloroethoxy)methane	9.45	93	327975	40.79	ng		99
29) 2,4-Dichlorophenol	9.62	162	216408	38.51	ng		99
30) 1,2,4-Trichlorobenzene	9.70	180	242090	40.21	ng		98
31) Naphthalene	9.80	128	836817	40.57	ng		100
32) Benzoic acid	9.66	122	118334	32.16	ng		95
33) 4-Chloroaniline	9.95	127	322449	41.95	ng	#	93
34) Hexachlorobutadiene	10.01	225	122084	38.43	ng		97
35) Caprolactam	10.58	113	67206m	39.83	ng		
36) 4-Chloro-3-methylphenol	10.80	107	250373	41.67	ng		89
37) 2-Methylnaphthalene	10.93	142	553118	40.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	224688	39.00	ng		99
40) Hexachlorocyclopentadiene	11.18	237	70206	32.85	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	147149	38.26	ng		96
43) 2,4,5-Trichlorophenol	11.54	196	146121	35.35	ng		94
45) 1,1'-Biphenyl	11.70	154	643924	40.83	ng		98
46) 2-Chloronaphthalene	11.71	162	513468	40.32	ng		96
47) 2-Nitroaniline	11.94	65	143765	41.25	ng		86
48) Acenaphthylene	12.37	152	795147	39.86	ng		98
49) Dimethylphthalate	12.24	163	590654	38.41	ng		100
50) 2,6-Dinitrotoluene	12.34	165	125680	40.06	ng		96
51) Acenaphthene	12.65	154	457691	38.42	ng		98
52) 3-Nitroaniline	12.62	138	138421	41.11	ng		87
53) 2,4-Dinitrophenol	12.85	184	50029	32.94	ng	#	64
54) Dibenzofuran	12.94	168	602162	36.52	ng		98
55) 4-Nitrophenol	13.05	139	64742m	32.01	ng		
56) 2,4-Dinitrotoluene	13.02	165	161830	40.14	ng		97
57) Fluorene	13.49	166	549981	38.36	ng		98
58) 2,3,4,6-Tetrachlorophenol	13.19	232	100989	38.82	ng	#	98
59) Diethylphthalate	13.39	149	539904	36.63	ng		99
60) 4-Chlorophenyl-phenylether	13.52	204	244865	38.86	ng		88
61) 4-Nitroaniline	13.62	138	110595	35.78	ng		92
62) Azobenzene	13.78	77	464676	39.23	ng		92
64) 4,6-Dinitro-2-methylphenol	13.69	198	83382	37.35	ng	#	69
65) n-Nitrosodiphenylamine	13.72	169	479369	39.66	ng		99
66) 4-Bromophenyl-phenylether	14.30	248	138088	39.25	ng		100
67) Hexachlorobenzene	14.39	284	142522	39.53	ng	#	89
68) Atrazine	14.65	200	135267	39.64	ng		96
69) Pentachlorophenol	14.75	266	60994	40.53	ng		92
70) Phenanthrene	15.04	178	771329	40.31	ng		98
71) Anthracene	15.12	178	813720	41.63	ng		98
72) Carbazole	15.41	167	736264	41.40	ng		98
73) Di-n-butylphthalate	15.97	149	910322	41.05	ng		99
74) Fluoranthene	16.79	202	828109	42.19	ng		99
76) Benzidine	17.01	184	494054	65.56	ng	#	94
77) Pyrene	17.09	202	842558	42.16	ng		98
79) Butylbenzylphthalate	17.98	149	333449	35.87	ng		89
80) Benzo(a)anthracene	18.67	228	595255	38.27	ng		99
81) 3,3'-Dichlorobenzidine	18.65	252	203437	37.87	ng	#	96
82) Chrysene	18.71	228	629897	41.88	ng		99
83) Bis(2-ethylhexyl)phthalate	18.72	149	498570	37.64	ng		100
84) Di-n-octyl phthalate	19.49	149	858792	39.55	ng		96
85) Indeno(1,2,3-cd)pyrene	21.68	276	462195	37.84	ng		99
87) Benzo(b)fluoranthene	19.94	252	549887	37.86	ng		97
88) Benzo(k)fluoranthene	19.97	252	617832	44.10	ng		96
89) Benzo(a)pyrene	20.30	252	525247	39.19	ng		99
90) Dibenzo(a,h)anthracene	21.68	278	395375	35.72	ng		97
91) Benzo(g,h,i)perylene	22.07	276	385184	35.46	ng		96

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

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