Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095526.D
Acq On : 28 May 2017 8:47
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/31/2017 1:05:12 PM

Quant Time: May 30 15:05:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	111908	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	407450	20.00	ng		0.00
38) Acenaphthene-d10	12.59	164	168630	20.00	ng		0.00
63) Phenanthrene-d10	14.99	188	248081	20.00	ng		0.00
75) Chrysene-d12	18.67	240	239495	20.00	ng		0.00
86) Perylene-d12	20.35	264	198306	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	590330	87.95	ng		-0.01
7) Phenol-d6	7.28	99	707053	87.79	ng		-0.01
23) Nitrobenzene-d5	8.65	82	600412	92.92	ng		0.00
41) 2,4,6-Tribromophenol	13.89	330	103545	74.98	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	1068645	91.21	ng		0.00
78) Terphenyl-d14	17.32	244	872906	80.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	134780	40.94	ng		93
3) Pyridine	2.83	79	322387	42.25	ng		97
4) n-Nitrosodimethylamine	2.77	42	113077	35.56	ng	#	79
6) Aniline	7.24	93	467107	45.94	ng		95
8) 2-Chlorophenol	7.43	128	345845	45.27	ng		95
9) Benzaldehyde	7.06	77	193125	39.27	ng		99
10) Phenol	7.30	94	408566	48.14	ng		89
11) bis(2-Chloroethyl)ether	7.37	93	308043	43.97	ng		97
12) 1,3-Dichlorobenzene	7.64	146	376009	43.39	ng		96
13) 1,4-Dichlorobenzene	7.76	146	386286	43.95	ng		97
14) 1,2-Dichlorobenzene	8.00	146	361094	44.02	ng		97
15) Benzyl Alcohol	8.03	79	244150	47.13	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	422567	42.61	ng		96
17) 2-Methylphenol	8.24	107	277809	44.43	ng		97
18) Hexachloroethane	8.51	117	109998	36.95	ng	#	87
19) n-Nitroso-di-n-propylamine	8.45	70	226644	41.61	ng		95
20) 3+4-Methylphenols	8.50	107	352687	41.51	ng	#	56
22) Acetophenone	8.42	105	456550	46.70	ng	#	83
24) Nitrobenzene	8.67	77	318435	47.02	ng		95
25) Isophorone	9.08	82	554754	48.08	ng		95
26) 2-Nitrophenol	9.18	139	170573	46.67	ng		98
27) 2,4-Dimethylphenol	9.32	122	279831	47.36	ng		98
28) bis(2-Chloroethoxy)methane	9.44	93	385652	48.32	ng		99
29) 2,4-Dichlorophenol	9.61	162	244353	43.80	ng		99
30) 1,2,4-Trichlorobenzene	9.68	180	273806	45.81	ng		98
31) Naphthalene	9.79	128	887460	43.34	ng		100
32) Benzoic acid	9.67	122	123557	33.56	ng		97
33) 4-Chloroaniline	9.94	127	312329	40.93	ng	#	92
34) Hexachlorobutadiene	10.00	225	137462	43.59	ng		99
35) Caprolactam	10.57	113	76096	45.42	ng		86
36) 4-Chloro-3-methylphenol	10.80	107	270191	45.30	ng		89
37) 2-Methylnaphthalene	10.91	142	608999	45.31	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.19	216	246174	47.47	ng		99
40) Hexachlorocyclopentadiene	11.16	237	8187	9.53	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.42	196	160908	46.47	ng		96
43) 2,4,5-Trichlorophenol	11.54	196	154775	41.59	ng	#	93
45) 1,1'-Biphenyl	11.68	154	677884	47.75	ng		98
46) 2-Chloronaphthalene	11.70	162	529827	46.22	ng		97
47) 2-Nitroaniline	11.93	65	150819	48.07	ng	#	80
48) Acenaphthylene	12.36	152	787206	43.84	ng		98
49) Dimethylphthalate	12.23	163	636569	45.98	ng		100
50) 2,6-Dinitrotoluene	12.33	165	124797	44.19	ng	#	89
51) Acenaphthene	12.64	154	453739	42.31	ng		99
52) 3-Nitroaniline	12.61	138	137490	45.36	ng		93
53) 2,4-Dinitrophenol	12.89	184	8395m	11.22	ng		
54) Dibenzofuran	12.93	168	638700	43.03	ng		100
55) 4-Nitrophenol	13.08	139	49148	26.99	ng	#	74
56) 2,4-Dinitrotoluene	13.01	165	142689	39.32	ng	#	92
57) Fluorene	13.48	166	510745	39.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.18	232	92418	39.46	ng	#	88
59) Diethylphthalate	13.38	149	583529	43.98	ng		98
60) 4-Chlorophenyl-phenylether	13.51	204	236236	41.65	ng		88
61) 4-Nitroaniline	13.62	138	106647	38.32	ng		96
62) Azobenzene	13.77	77	448146	42.03	ng		92
64) 4,6-Dinitro-2-methylphenol	13.70	198	24981	15.02	ng	#	1
65) n-Nitrosodiphenylamine	13.71	169	443326	49.24	ng		98
66) 4-Bromophenyl-phenylether	14.29	248	120828	46.10	ng		99
67) Hexachlorobenzene	14.38	284	120137	44.73	ng	#	85
68) Atrazine	14.64	200	104325	41.04	ng		100
69) Pentachlorophenol	14.75	266	50714	44.56	ng		99
70) Phenanthrene	15.03	178	628353	44.08	ng		98
71) Anthracene	15.11	178	655717	45.04	ng		98
72) Carbazole	15.41	167	600480	45.33	ng		97
73) Di-n-butylphthalate	15.95	149	746498	45.19	ng		99
74) Fluoranthene	16.78	202	701529	47.98	ng		98
76) Benzidine	17.01	184	335164	51.23	ng	#	92
77) Pyrene	17.08	202	757971	42.32	ng		98
79) Butylbenzylphthalate	17.97	149	353305	42.41	ng		88
80) Benzo(a)anthracene	18.66	228	579948	41.61	ng		98
81) 3,3'-Dichlorobenzidine	18.64	252	213186	44.28	ng	#	96
82) Chrysene	18.71	228	571720	42.42	ng		98
83) Bis(2-ethylhexyl)phthalate	18.72	149	458252	38.60	ng	#	97
84) Di-n-octyl phthalate	19.48	149	942856	48.45	ng		97
85) Indeno(1,2,3-cd)pyrene	21.68	276	409490	37.41	ng		98
87) Benzo(b)fluoranthene	19.94	252	522787	42.66	ng		99
88) Benzo(k)fluoranthene	19.96	252	562603m	47.60	ng		
89) Benzo(a)pyrene	20.29	252	490040	43.34	ng		98
90) Dibenzo(a,h)anthracene	21.68	278	352421	37.74	ng		96
91) Benzo(g,h,i)perylene	22.06	276	353962	38.63	ng		100

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

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