Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095775.D
Acq On : 8 Jun 2017 10:41
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/9/2017 12:08:15 PM

Quant Time: Jun 08 11:20:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 11:19:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	75367	20.00	ng		0.00
21) Naphthalene-d8	9.40	136	303758	20.00	ng		0.00
38) Acenaphthene-d10	12.23	164	133658	20.00	ng		0.00
63) Phenanthrene-d10	14.62	188	241125	20.00	ng		0.00
75) Chrysene-d12	18.34	240	203107	20.00	ng		0.00
86) Perylene-d12	20.00	264	184790	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	404757	85.58	ng		0.00
7) Phenol-d6	6.93	99	475788	84.03	ng		0.00
23) Nitrobenzene-d5	8.29	82	399227	81.62	ng		0.00
41) 2,4,6-Tribromophenol	13.53	330	98973	83.69	ng		0.00
44) 2-Fluorobiphenyl	11.19	172	786785	81.92	ng		0.00
78) Terphenyl-d14	17.00	244	650059	79.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.69	88	86141	38.28	ng		93
3) Pyridine	2.23	79	207893	39.31	ng		96
4) n-Nitrosodimethylamine	2.22	42	81300	40.44	ng	#	79
6) Aniline	6.86	93	302412	40.82	ng		95
8) 2-Chlorophenol	7.06	128	206638	41.09	ng		95
9) Benzaldehyde	6.67	77	146367	38.32	ng		99
10) Phenol	6.95	94	245736	41.84	ng		90
11) bis(2-Chloroethyl)ether	7.02	93	191160	41.08	ng		96
12) 1,3-Dichlorobenzene	7.27	146	231143	40.61	ng		98
13) 1,4-Dichlorobenzene	7.40	146	236742	41.01	ng		97
14) 1,2-Dichlorobenzene	7.63	146	219706	41.29	ng		95
15) Benzyl Alcohol	7.67	79	163041	41.95	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.87	45	257530	39.39	ng		97
17) 2-Methylphenol	7.90	107	175109	41.49	ng		95
18) Hexachloroethane	8.15	117	78043	40.93	ng	#	86
19) n-Nitroso-di-n-propylamine	8.10	70	146670	40.87	ng		93
20) 3+4-Methylphenols	8.16	107	229069	42.76	ng	#	60
22) Acetophenone	8.06	105	294628	41.44	ng	#	82
24) Nitrobenzene	8.32	77	213078	40.78	ng		92
25) Isophorone	8.72	82	362919	39.74	ng		97
26) 2-Nitrophenol	8.83	139	113700	41.56	ng		98
27) 2,4-Dimethylphenol	8.98	122	173877	40.95	ng		98
28) bis(2-Chloroethoxy)methane	9.10	93	244813	40.67	ng		100
29) 2,4-Dichlorophenol	9.25	162	170664	41.74	ng		98
30) 1,2,4-Trichlorobenzene	9.34	180	174620	41.04	ng		98
31) Naphthalene	9.44	128	614736	40.32	ng		99
32) Benzoic acid	9.34	122	102418	39.60	ng		94
33) 4-Chloroaniline	9.58	127	248564	41.72	ng	#	93
34) Hexachlorobutadiene	9.66	225	90794	41.30	ng		99
35) Caprolactam	10.23	113	53482m	43.95	ng		
36) 4-Chloro-3-methylphenol	10.46	107	175590	41.02	ng		91
37) 2-Methylnaphthalene	10.56	142	413136	40.11	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.84	216	164594	41.15	ng		99
40) Hexachlorocyclopentadiene	10.82	237	32829	33.75	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	108111	42.04	ng		99
43) 2,4,5-Trichlorophenol	11.16	196	112032	40.95	ng	#	93
45) 1,1'-Biphenyl	11.33	154	456135	41.41	ng		97
46) 2-Chloronaphthalene	11.35	162	354296	41.16	ng		97
47) 2-Nitroaniline	11.56	65	105423	41.86	ng	#	85
48) Acenaphthylene	12.00	152	600298	40.79	ng		99
49) Dimethylphthalate	11.89	163	408877	40.29	ng		99
50) 2,6-Dinitrotoluene	11.99	165	92384	41.74	ng	#	85
51) Acenaphthene	12.29	154	347314	40.86	ng		99
52) 3-Nitroaniline	12.24	138	109521	42.47	ng		90
53) 2,4-Dinitrophenol	12.47	184	46812	40.80	ng	#	66
54) Dibenzofuran	12.57	168	490956	41.04	ng		97
55) 4-Nitrophenol	12.66	139	57625	40.68	ng	#	62
56) 2,4-Dinitrotoluene	12.65	165	125166	41.86	ng	#	90
57) Fluorene	13.12	166	426736	40.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	75272	40.21	ng	#	96
59) Diethylphthalate	13.03	149	388496	39.78	ng		99
60) 4-Chlorophenyl-phenylether	13.15	204	183505	40.53	ng		89
61) 4-Nitroaniline	13.24	138	104701	43.48	ng		98
62) Azobenzene	13.41	77	352693	39.85	ng		93
64) 4,6-Dinitro-2-methylphenol	13.32	198	65095	41.07	ng	#	69
65) n-Nitrosodiphenylamine	13.36	169	351587	40.58	ng		98
66) 4-Bromophenyl-phenylether	13.93	248	101707	40.59	ng		97
67) Hexachlorobenzene	14.02	284	101873	41.25	ng	#	87
68) Atrazine	14.29	200	96652	40.08	ng		96
69) Pentachlorophenol	14.37	266	30146	36.14	ng		91
70) Phenanthrene	14.66	178	565534	40.65	ng		98
71) Anthracene	14.74	178	589788	40.61	ng		98
72) Carbazole	15.04	167	595768	42.09	ng		98
73) Di-n-butylphthalate	15.63	149	617902	41.03	ng		99
74) Fluoranthene	16.44	202	580928	42.19	ng		98
76) Benzidine	16.66	184	300042	38.46	ng	#	93
77) Pyrene	16.74	202	599257	39.54	ng		99
79) Butylbenzylphthalate	17.66	149	258710	39.09	ng	#	87
80) Benzo(a)anthracene	18.33	228	487467	41.28	ng		99
81) 3,3'-Dichlorobenzidine	18.32	252	178261	42.46	ng	#	96
82) Chrysene	18.37	228	476207	40.35	ng		98
83) Bis(2-ethylhexyl)phthalate	18.42	149	356129	38.14	ng	#	100
84) Di-n-octyl phthalate	19.19	149	604787	39.31	ng		96
85) Indeno(1,2,3-cd)pyrene	21.18	276	398220	39.44	ng		99
87) Benzo(b)fluoranthene	19.60	252	485298	41.94	ng		98
88) Benzo(k)fluoranthene	19.63	252	421346	38.10	ng		97
89) Benzo(a)pyrene	19.95	252	431869	40.61	ng		100
90) Dibenzo(a,h)anthracene	21.18	278	341508	37.86	ng		97
91) Benzo(g,h,i)perylene	21.50	276	339984	36.97	ng		97

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

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