Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096157.D
Acq On : 23 Jun 2017 13:51
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/28/2017 1:10:19 PM

Quant Time: Jun 28 11:58:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	78828	20.00	ng		-0.04
21) Naphthalene-d8	9.30	136	329215	20.00	ng		-0.03
38) Acenaphthene-d10	12.12	164	155659	20.00	ng		-0.04
63) Phenanthrene-d10	14.51	188	268938	20.00	ng		-0.03
75) Chrysene-d12	18.25	240	207088	20.00	ng		-0.02
86) Perylene-d12	19.92	264	183216	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	399660	80.79	ng		-0.04
7) Phenol-d6	6.84	99	485501	81.98	ng		-0.04
23) Nitrobenzene-d5	8.19	82	433625	81.80	ng		-0.03
41) 2,4,6-Tribromophenol	13.42	330	106766	77.52	ng		-0.04
44) 2-Fluorobiphenyl	11.08	172	858611	76.76	ng		-0.03
78) Terphenyl-d14	16.90	244	697212	83.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.59	88	105109m	44.66	ng		
3) Pyridine	2.11	79	197586m	35.72	ng		
4) n-Nitrosodimethylamine	2.09	42	78584	37.37	ng		82
6) Aniline	6.76	93	323516	41.75	ng		95
8) 2-Chlorophenol	6.95	128	222108	42.23	ng		96
9) Benzaldehyde	6.57	77	144373	36.14	ng		96
10) Phenol	6.86	94	259788	42.29	ng		90
11) bis(2-Chloroethyl)ether	6.91	93	208175	42.77	ng		97
12) 1,3-Dichlorobenzene	7.16	146	249504	41.91	ng		97
13) 1,4-Dichlorobenzene	7.29	146	252994	41.90	ng		96
14) 1,2-Dichlorobenzene	7.52	146	235550	42.32	ng		95
15) Benzyl Alcohol	7.58	79	174589	42.95	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.76	45	291460	42.62	ng		98
17) 2-Methylphenol	7.81	107	186747	42.31	ng		98
18) Hexachloroethane	8.03	117	84804	42.53	ng	#	86
19) n-Nitroso-di-n-propylamine	8.01	70	161220	42.96	ng		92
20) 3+4-Methylphenols	8.08	107	254775	45.47	ng	#	59
22) Acetophenone	7.97	105	317115	41.15	ng	#	82
24) Nitrobenzene	8.22	77	227232	40.13	ng		95
25) Isophorone	8.63	82	402552	40.67	ng	#	94
26) 2-Nitrophenol	8.73	139	124036	41.83	ng		96
27) 2,4-Dimethylphenol	8.89	122	191277	41.57	ng		99
28) bis(2-Chloroethoxy)methane	9.00	93	271745	41.65	ng		97
29) 2,4-Dichlorophenol	9.17	162	177487	40.05	ng		97
30) 1,2,4-Trichlorobenzene	9.23	180	188471	40.87	ng		98
31) Naphthalene	9.33	128	670451	40.58	ng		99
32) Benzoic acid	9.29	122	96156	34.99	ng		95
33) 4-Chloroaniline	9.49	127	272510	42.20	ng	#	91
34) Hexachlorobutadiene	9.55	225	97197	40.79	ng		96
35) Caprolactam	10.14	113	52230	39.61	ng	#	87
36) 4-Chloro-3-methylphenol	10.38	107	192499	41.49	ng		92
37) 2-Methylnaphthalene	10.46	142	467565	41.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.74	216	183624	39.42	ng		98
40) Hexachlorocyclopentadiene	10.70	237	47390	39.14	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.98	196	113863	38.01	ng		99
43) 2,4,5-Trichlorophenol	11.08	196	114335	35.89	ng		96
45) 1,1'-Biphenyl	11.23	154	503403	39.24	ng		98
46) 2-Chloronaphthalene	11.24	162	392052	39.11	ng		94
47) 2-Nitroaniline	11.47	65	112424	38.33	ng	#	76
48) Acenaphthylene	11.89	152	628885	36.69	ng		99
49) Dimethylphthalate	11.79	163	441835	37.38	ng		100
50) 2,6-Dinitrotoluene	11.89	165	93502	36.27	ng	#	61
51) Acenaphthene	12.17	154	381597	38.55	ng		98
52) 3-Nitroaniline	12.16	138	115824	38.56	ng		87
53) 2,4-Dinitrophenol	12.40	184	41049m	32.32	ng		
54) Dibenzofuran	12.46	168	539779	38.74	ng		98
55) 4-Nitrophenol	12.62	139	51559m	32.33	ng		
56) 2,4-Dinitrotoluene	12.56	165	138687	39.83	ng	#	89
57) Fluorene	13.01	166	465269	38.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.72	232	83710	38.40	ng	#	88
59) Diethylphthalate	12.93	149	441500	38.82	ng		99
60) 4-Chlorophenyl-phenylether	13.04	204	206125	39.09	ng		89
61) 4-Nitroaniline	13.16	138	110610	39.44	ng		97
62) Azobenzene	13.30	77	397959	38.61	ng		94
64) 4,6-Dinitro-2-methylphenol	13.24	198	63373	35.85	ng	#	75
65) n-Nitrosodiphenylamine	13.26	169	376318	38.94	ng		99
66) 4-Bromophenyl-phenylether	13.82	248	111538	39.91	ng		96
67) Hexachlorobenzene	13.90	284	111583	40.51	ng	#	84
68) Atrazine	14.18	200	102451	38.09	ng		98
69) Pentachlorophenol	14.29	266	29692m	32.69	ng		
70) Phenanthrene	14.55	178	618427	39.85	ng		98
71) Anthracene	14.64	178	643009	39.69	ng		98
72) Carbazole	14.94	167	647464	41.01	ng		97
73) Di-n-butylphthalate	15.53	149	696005	41.44	ng		98
74) Fluoranthene	16.34	202	628639	40.93	ng		99
76) Benzidine	16.57	184	354160	44.53	ng	#	93
77) Pyrene	16.64	202	645885	41.80	ng		99
79) Butylbenzylphthalate	17.57	149	281296	41.68	ng	#	84
80) Benzo(a)anthracene	18.24	228	490927	40.77	ng		97
81) 3,3'-Dichlorobenzidine	18.23	252	179302	41.89	ng	#	97
82) Chrysene	18.29	228	502026	41.72	ng		98
83) Bis(2-ethylhexyl)phthalate	18.32	149	407193	42.78	ng	#	100
84) Di-n-octyl phthalate	19.09	149	657835	41.94	ng		96
85) Indeno(1,2,3-cd)pyrene	21.07	276	401775	39.03	ng		99
87) Benzo(b)fluoranthene	19.52	252	442719	38.59	ng		99
88) Benzo(k)fluoranthene	19.54	252	470999	42.95	ng		95
89) Benzo(a)pyrene	19.87	252	424117	40.22	ng		99
90) Dibenzo(a,h)anthracene	21.07	278	340864	38.11	ng		96
91) Benzo(g,h,i)perylene	21.39	276	345860	37.93	ng		98

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

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