Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096343.D
Acq On : 30 Jun 2017 18:25
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/3/2017 11:36:58 AM

Quant Time: Jun 30 23:27:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	175242	20.00	ng		-0.02
21) Naphthalene-d8	8.05	136	757231	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	324187	20.00	ng		-0.01
63) Phenanthrene-d10	11.27	188	542709	20.00	ng		-0.01
75) Chrysene-d12	13.91	240	390839	20.00	ng		0.00
86) Perylene-d12	15.33	264	326489	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	967476	79.54	ng		0.00
7) Phenol-d6	6.40	99	1204174	81.76	ng		0.00
23) Nitrobenzene-d5	7.33	82	973516	89.00	ng		-0.03
41) 2,4,6-Tribromophenol	10.59	330	279284	109.47	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1511609	85.39	ng		-0.03
78) Terphenyl-d14	12.86	244	1204295	76.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	229933	39.63	ng	#	80
3) Pyridine	3.17	79	652526	41.00	ng	#	72
4) n-Nitrosodimethylamine	3.12	42	315513	40.08	ng	#	91
6) Aniline	6.42	93	804468	39.62	ng		97
8) 2-Chlorophenol	6.55	128	489777	41.04	ng		98
9) Benzaldehyde	6.30	77	361146	40.55	ng		96
10) Phenol	6.41	94	649676	40.12	ng		93
11) bis(2-Chloroethyl)ether	6.50	93	522809	39.46	ng		92
12) 1,3-Dichlorobenzene	6.70	146	527270	40.08	ng		97
13) 1,4-Dichlorobenzene	6.78	146	531496	40.25	ng		96
14) 1,2-Dichlorobenzene	6.93	146	483064	40.16	ng		98
15) Benzyl Alcohol	6.90	79	413442	41.60	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1081118	38.63	ng		92
17) 2-Methylphenol	7.02	107	420521	40.63	ng		96
18) Hexachloroethane	7.28	117	192147	40.35	ng	#	85
19) n-Nitroso-di-n-propylamine	7.18	70	348789	39.53	ng	#	84
20) 3+4-Methylphenols	7.17	107	472225	40.00	ng		98
22) Acetophenone	7.17	105	618037	39.27	ng	#	90
24) Nitrobenzene	7.35	77	532575	43.97	ng		92
25) Isophorone	7.59	82	969263	39.02	ng		98
26) 2-Nitrophenol	7.66	139	275268	49.22	ng	#	92
27) 2,4-Dimethylphenol	7.70	122	443018	39.47	ng		94
28) bis(2-Chloroethoxy)methane	7.80	93	647152	38.46	ng		99
29) 2,4-Dichlorophenol	7.90	162	402152	42.01	ng		96
30) 1,2,4-Trichlorobenzene	7.99	180	378707	39.86	ng		98
31) Naphthalene	8.07	128	1436705	39.37	ng		100
32) Benzoic acid	7.83	122	316858	41.38	ng		94
33) 4-Chloroaniline	8.11	127	610005	40.38	ng		98
34) Hexachlorobutadiene	8.19	225	187907	39.87	ng		97
35) Caprolactam	8.49	113	140083	42.34	ng	#	57
36) 4-Chloro-3-methylphenol	8.60	107	421264	40.44	ng		89
37) 2-Methylnaphthalene	8.76	142	931613	39.30	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	318871	40.63	ng		99
40) Hexachlorocyclopentadiene	8.92	237	162486	46.19	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	249262	42.14	ng		99
43) 2,4,5-Trichlorophenol	9.07	196	270567	43.39	ng		97
45) 1,1'-Biphenyl	9.22	154	1017471	40.91	ng		97
46) 2-Chloronaphthalene	9.25	162	810285	39.27	ng		92
47) 2-Nitroaniline	9.34	65	313971	48.18	ng		92
48) Acenaphthylene	9.66	152	1351588	39.48	ng		98
49) Dimethylphthalate	9.53	163	910794	39.26	ng		99
50) 2,6-Dinitrotoluene	9.58	165	214952	44.54	ng	#	77
51) Acenaphthene	9.83	154	818517	40.62	ng		100
52) 3-Nitroaniline	9.75	138	274848	44.47	ng		99
53) 2,4-Dinitrophenol	9.85	184	109824	59.93	ng	#	72
54) Dibenzofuran	10.00	168	1066562	40.54	ng		99
55) 4-Nitrophenol	9.90	139	221410	44.31	ng	#	65
56) 2,4-Dinitrotoluene	9.99	165	278259	45.75	ng	#	82
57) Fluorene	10.35	166	781516	44.01	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	185215	42.52	ng	#	99
59) Diethylphthalate	10.22	149	883344	37.92	ng		100
60) 4-Chlorophenyl-phenylether	10.34	204	323694	42.83	ng		94
61) 4-Nitroaniline	10.36	138	242702	45.14	ng		88
62) Azobenzene	10.50	77	895602	38.12	ng		94
64) 4,6-Dinitro-2-methylphenol	10.39	198	144975	50.37	ng		92
65) n-Nitrosodiphenylamine	10.46	169	736531	37.74	ng		97
66) 4-Bromophenyl-phenylether	10.83	248	220867	39.55	ng		95
67) Hexachlorobenzene	10.90	284	242888	42.31	ng	#	91
68) Atrazine	10.99	200	204452	39.70	ng		96
69) Pentachlorophenol	11.09	266	152839	46.64	ng		98
70) Phenanthrene	11.30	178	1156604	41.98	ng		100
71) Anthracene	11.36	178	1192501	39.32	ng		99
72) Carbazole	11.51	167	1257168	37.55	ng		99
73) Di-n-butylphthalate	11.85	149	1352286	38.25	ng		99
74) Fluoranthene	12.49	202	1142956	37.91	ng		96
76) Benzidine	12.60	184	513995	35.08	ng	#	94
77) Pyrene	12.72	202	1190849	37.07	ng		100
79) Butylbenzylphthalate	13.33	149	555049	37.71	ng	#	75
80) Benzo(a)anthracene	13.90	228	819871	34.41	ng		98
81) 3,3'-Dichlorobenzidine	13.86	252	347569	38.31	ng	#	96
82) Chrysene	13.94	228	865585	35.13	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	578701	36.18	ng	#	98
84) Di-n-octyl phthalate	14.51	149	1094264	33.21	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.72	276	767079	37.50	ng		99
87) Benzo(b)fluoranthene	14.93	252	790998m	36.88	ng		
88) Benzo(k)fluoranthene	14.96	252	711217	36.32	ng		95
89) Benzo(a)pyrene	15.27	252	707992	37.37	ng		97
90) Dibenzo(a,h)anthracene	16.74	278	641364	43.24	ng		98
91) Benzo(g,h,i)perylene	17.14	276	684279	44.38	ng		96

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

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