Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
Data File : BF094559.D
Acq On : 21 Apr 2017 11:35
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/24/2017 5:12:52 PM

Quant Time: Apr 21 15:02:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	127333	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	530073	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	234402	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	442758	20.00	ng		-0.01
75) Chrysene-d12	14.46	240	356241	20.00	ng		0.00
86) Perylene-d12	16.08	264	296164	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	599916	78.17	ng		0.00
7) Phenol-d6	5.39	99	693208	76.61	ng		0.00
23) Nitrobenzene-d5	6.41	82	658004	76.65	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	159835	87.18	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1264429	79.37	ng		0.00
78) Terphenyl-d14	13.19	244	1071644	80.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	177205	39.70	ng		95
3) Pyridine	2.60	79	373167	38.25	ng		99
4) n-Nitrosodimethylamine	2.55	42	152782	37.85	ng		83
6) Aniline	5.39	93	450507	37.47	ng	#	88
8) 2-Chlorophenol	5.53	128	348039	39.85	ng		98
9) Benzaldehyde	5.26	77	281829	40.95	ng		99
10) Phenol	5.40	94	423195	38.07	ng		98
11) bis(2-Chloroethyl)ether	5.47	93	329423	40.57	ng		97
12) 1,3-Dichlorobenzene	5.70	146	388398	40.14	ng		98
13) 1,4-Dichlorobenzene	5.78	146	376774	38.70	ng		96
14) 1,2-Dichlorobenzene	5.95	146	363349	40.52	ng		96
15) Benzyl Alcohol	5.94	79	274558	40.91	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	442323	41.55	ng		89
17) 2-Methylphenol	6.08	107	278576	40.50	ng		93
18) Hexachloroethane	6.34	117	136748	40.98	ng	#	86
19) n-Nitroso-di-n-propylamine	6.25	70	234936	39.19	ng		95
20) 3+4-Methylphenols	6.27	107	363532	38.89	ng	#	63
22) Acetophenone	6.24	105	497209	38.58	ng	#	86
24) Nitrobenzene	6.44	77	352537	39.00	ng		92
25) Isophorone	6.72	82	608138	38.22	ng		97
26) 2-Nitrophenol	6.81	139	186468	38.39	ng		98
27) 2,4-Dimethylphenol	6.88	122	297582	37.72	ng		98
28) bis(2-Chloroethoxy)methane	6.98	93	401296	38.99	ng		98
29) 2,4-Dichlorophenol	7.11	162	294295	40.10	ng		97
30) 1,2,4-Trichlorobenzene	7.20	180	293780	38.72	ng		98
31) Naphthalene	7.28	128	991782	38.92	ng		100
32) Benzoic acid	7.08	122	199052	47.72	ng		94
33) 4-Chloroaniline	7.36	127	402646m	37.98	ng		
34) Hexachlorobutadiene	7.44	225	150951	39.90	ng		98
35) Caprolactam	7.82	113	91940m	39.88	ng		
36) 4-Chloro-3-methylphenol	7.98	107	294805	38.33	ng		91
37) 2-Methylnaphthalene	8.12	142	690070	39.58	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	277164	41.52	ng		99
40) Hexachlorocyclopentadiene	8.32	237	122463	45.35	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	183825	39.22	ng		97
43) 2,4,5-Trichlorophenol	8.54	196	195805	40.68	ng		94
45) 1,1'-Biphenyl	8.70	154	783305	40.90	ng		97
46) 2-Chloronaphthalene	8.71	162	617890	40.58	ng		94
47) 2-Nitroaniline	8.85	65	176430	40.28	ng		90
48) Acenaphthylene	9.22	152	936153	39.44	ng		99
49) Dimethylphthalate	9.10	163	712009	40.76	ng		99
50) 2,6-Dinitrotoluene	9.16	165	156935	40.02	ng		93
51) Acenaphthene	9.43	154	547420	38.50	ng		98
52) 3-Nitroaniline	9.36	138	170061	37.49	ng		90
53) 2,4-Dinitrophenol	9.50	184	87745	44.03	ng	#	64
54) Dibenzofuran	9.64	168	844082	40.85	ng		99
55) 4-Nitrophenol	9.62	139	137810	43.00	ng	#	75
56) 2,4-Dinitrotoluene	9.65	165	210990	43.85	ng	#	85
57) Fluorene	10.07	166	646402	40.17	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.81	232	147787	42.83	ng		96
59) Diethylphthalate	9.95	149	720245	43.70	ng		99
60) 4-Chlorophenyl-phenylether	10.07	204	288939	43.14	ng		94
61) 4-Nitroaniline	10.12	138	169266	36.70	ng		97
62) Azobenzene	10.27	77	663163	41.44	ng		97
64) 4,6-Dinitro-2-methylphenol	10.16	198	120626	41.58	ng	#	68
65) n-Nitrosodiphenylamine	10.22	169	607028	39.42	ng		98
66) 4-Bromophenyl-phenylether	10.67	248	177240	40.31	ng		97
67) Hexachlorobenzene	10.74	284	170993	38.59	ng	#	89
68) Atrazine	10.90	200	184370	40.02	ng		96
69) Pentachlorophenol	10.99	266	83170m	47.27	ng		
70) Phenanthrene	11.24	178	976387	39.16	ng		98
71) Anthracene	11.31	178	1003418	38.91	ng		98
72) Carbazole	11.51	167	937532	38.73	ng		98
73) Di-n-butylphthalate	11.96	149	1176350	44.14	ng		99
74) Fluoranthene	12.70	202	954882	36.95	ng		98
76) Benzidine	12.88	184	491519	34.08	ng		95
77) Pyrene	12.97	202	961603	38.64	ng		99
79) Butylbenzylphthalate	13.79	149	466424	42.76	ng	#	86
80) Benzo(a)anthracene	14.45	228	803438	38.80	ng		99
81) 3,3'-Dichlorobenzidine	14.42	252	281215	38.37	ng	#	97
82) Chrysene	14.49	228	736647	38.93	ng		99
83) Bis(2-ethylhexyl)phthalate	14.51	149	671449	45.85	ng	#	98
84) Di-n-octyl phthalate	15.27	149	1104891	44.98	ng		98
85) Indeno(1,2,3-cd)pyrene	17.35	276	615651	34.19	ng		99
87) Benzo(b)fluoranthene	15.68	252	735696	40.61	ng		98
88) Benzo(k)fluoranthene	15.71	252	651712m	38.01	ng		
89) Benzo(a)pyrene	16.02	252	654668	38.84	ng		99
90) Dibenzo(a,h)anthracene	17.37	278	513669	36.70	ng		99
91) Benzo(g,h,i)perylene	17.72	276	494571	34.71	ng		96

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

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