Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094292.D
Acq On : 8 Apr 2017 1:37
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/10/2017 2:07:44 PM

Quant Time: Apr 08 05:01:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	176415	20.00	ng		0.00
21) Naphthalene-d8	7.36	136	667714	20.00	ng		0.00
38) Acenaphthene-d10	9.50	164	259828	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	372043	20.00	ng		0.00
75) Chrysene-d12	14.59	240	346554	20.00	ng		0.01
86) Perylene-d12	16.21	264	296094	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.42	112	826752	79.15	ng		0.03
7) Phenol-d6	5.50	99	977786	75.67	ng		0.04
23) Nitrobenzene-d5	6.52	82	961509	82.18	ng		0.00
41) 2,4,6-Tribromophenol	10.48	330	148406	72.28	ng		0.00
44) 2-Fluorobiphenyl	8.69	172	1507214	88.48	ng		0.00
78) Terphenyl-d14	13.30	244	1096830	70.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	199347	39.73	ng		97
3) Pyridine	2.69	79	551731	40.34	ng		99
4) n-Nitrosodimethylamine	2.65	42	223614	39.74	ng		90
6) Aniline	5.49	93	599494	33.35	ng		96
8) 2-Chlorophenol	5.64	128	456548	39.77	ng		94
9) Benzaldehyde	5.35	77	295714	33.89	ng		99
10) Phenol	5.52	94	518335	35.25	ng		89
11) bis(2-Chloroethyl)ether	5.56	93	463947	40.38	ng		98
12) 1,3-Dichlorobenzene	5.79	146	511366	39.71	ng		100
13) 1,4-Dichlorobenzene	5.88	146	519949	39.86	ng		98
14) 1,2-Dichlorobenzene	6.06	146	467196	38.90	ng		95
15) Benzyl Alcohol	6.04	79	310778	32.86	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.18	45	643268	36.33	ng		98
17) 2-Methylphenol	6.20	107	375547	38.20	ng		97
18) Hexachloroethane	6.45	117	171091	37.32	ng		87
19) n-Nitroso-di-n-propylamine	6.35	70	336420	40.51	ng		98
20) 3+4-Methylphenols	6.38	107	511870	42.98	ng	#	63
22) Acetophenone	6.33	105	648052	43.55	ng	#	86
24) Nitrobenzene	6.53	77	472478	40.94	ng		96
25) Isophorone	6.82	82	804317	39.12	ng		95
26) 2-Nitrophenol	6.91	139	245345	44.58	ng		98
27) 2,4-Dimethylphenol	7.00	122	373678	39.41	ng		98
28) bis(2-Chloroethoxy)methane	7.08	93	546510	40.31	ng		99
29) 2,4-Dichlorophenol	7.22	162	354618	40.00	ng		98
30) 1,2,4-Trichlorobenzene	7.30	180	364285	39.89	ng		98
31) Naphthalene	7.39	128	1262130	39.31	ng		99
32) Benzoic acid	7.17	122	180800	28.64	ng		97
33) 4-Chloroaniline	7.47	127	450990	34.66	ng		94
34) Hexachlorobutadiene	7.54	225	191004	40.79	ng		97
35) Caprolactam	7.93	113	112214	39.69	ng		89
36) 4-Chloro-3-methylphenol	8.10	107	335604	36.23	ng		91
37) 2-Methylnaphthalene	8.23	142	813681	38.02	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.44	216	322788	45.41	ng		99
40) Hexachlorocyclopentadiene	8.42	237	27980	8.41	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.60	196	210097	41.78	ng		99
43) 2,4,5-Trichlorophenol	8.66	196	216210	39.73	ng		93
45) 1,1'-Biphenyl	8.80	154	899252	42.91	ng		97
46) 2-Chloronaphthalene	8.83	162	682202	41.58	ng		96
47) 2-Nitroaniline	8.96	65	204612	42.04	ng	#	86
48) Acenaphthylene	9.33	152	1064310	39.04	ng		99
49) Dimethylphthalate	9.19	163	823905	44.61	ng		100
50) 2,6-Dinitrotoluene	9.26	165	174826	41.29	ng		92
51) Acenaphthene	9.55	154	622956	39.16	ng		99
52) 3-Nitroaniline	9.47	138	191674	38.55	ng		94
53) 2,4-Dinitrophenol	9.60	184	30068	17.16	ng	#	70
54) Dibenzofuran	9.76	168	803680	37.11	ng		97
55) 4-Nitrophenol	9.74	139	36553m	9.39	ng		
56) 2,4-Dinitrotoluene	9.76	165	191600	36.03	ng	#	65
57) Fluorene	10.18	166	659782	36.74	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	126641	33.92	ng		99
59) Diethylphthalate	10.06	149	752949	41.25	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	291218	38.06	ng		89
61) 4-Nitroaniline	10.22	138	169601	35.55	ng		94
62) Azobenzene	10.38	77	629494	36.45	ng		94
64) 4,6-Dinitro-2-methylphenol	10.26	198	58407	25.63	ng	#	64
65) n-Nitrosodiphenylamine	10.33	169	584153	45.40	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	162174	44.32	ng		94
67) Hexachlorobenzene	10.86	284	158304	42.74	ng	#	87
68) Atrazine	11.01	200	163208	42.35	ng		97
69) Pentachlorophenol	11.12	266	83939	36.41	ng		98
70) Phenanthrene	11.36	178	835885	40.39	ng		99
71) Anthracene	11.42	178	872365	40.94	ng		98
72) Carbazole	11.63	167	852651	39.02	ng		98
73) Di-n-butylphthalate	12.07	149	988350	43.49	ng		99
74) Fluoranthene	12.82	202	843886	39.82	ng		99
76) Benzidine	12.99	184	232428	16.95	ng	#	92
77) Pyrene	13.10	202	877587	34.89	ng		99
79) Butylbenzylphthalate	13.91	149	409646	38.23	ng	#	83
80) Benzo(a)anthracene	14.57	228	811859	40.17	ng		99
81) 3,3'-Dichlorobenzidine	14.54	252	260407	36.05	ng	#	97
82) Chrysene	14.62	228	734394	39.16	ng		99
83) Bis(2-ethylhexyl)phthalate	14.63	149	570977	39.05	ng	#	99
84) Di-n-octyl phthalate	15.39	149	1064177	43.57	ng		98
85) Indeno(1,2,3-cd)pyrene	17.55	276	617238	38.00	ng		98
87) Benzo(b)fluoranthene	15.81	252	743514	40.97	ng		98
88) Benzo(k)fluoranthene	15.84	252	725365	40.85	ng		96
89) Benzo(a)pyrene	16.16	252	667273	39.92	ng		99
90) Dibenzo(a,h)anthracene	17.57	278	532796	37.64	ng		98
91) Benzo(g,h,i)perylene	17.94	276	498318	34.93	ng		97

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

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