Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094091.D
Acq On : 31 Mar 2017 12:42
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
4/3/2017 3:25:34 PM

Quant Time: Mar 31 17:21:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	203311	20.00	ng		0.00
21) Naphthalene-d8	7.40	136	822115	20.00	ng		0.00
38) Acenaphthene-d10	9.55	164	367248	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	643324	20.00	ng		0.00
75) Chrysene-d12	14.63	240	482858	20.00	ng		0.00
86) Perylene-d12	16.25	264	333884	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.43	112	931655	77.40	ng		0.00
7) Phenol-d6	5.51	99	1142684	76.74	ng		0.00
23) Nitrobenzene-d5	6.56	82	1147053	79.62	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	246012	84.77	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	1956360	81.25	ng		0.00
78) Terphenyl-d14	13.35	244	1832672	85.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	220670	38.16	ng		97
3) Pyridine	2.75	79	594211	37.70	ng		95
4) n-Nitrosodimethylamine	2.72	42	248365	38.30	ng		89
6) Aniline	5.53	93	743025	35.87	ng	#	50
8) 2-Chlorophenol	5.66	128	533756	40.34	ng		97
9) Benzaldehyde	5.39	77	362362	36.04	ng		99
10) Phenol	5.52	94	634948	37.47	ng	#	67
11) bis(2-Chloroethyl)ether	5.61	93	517284	39.06	ng		96
12) 1,3-Dichlorobenzene	5.83	146	587281	39.57	ng		99
13) 1,4-Dichlorobenzene	5.92	146	594093	39.52	ng		97
14) 1,2-Dichlorobenzene	6.10	146	541216	39.10	ng		96
15) Benzyl Alcohol	6.07	79	416590	38.22	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.23	45	719363	35.25	ng		94
17) 2-Methylphenol	6.21	107	438528	38.70	ng		96
18) Hexachloroethane	6.49	117	208502	39.46	ng		88
19) n-Nitroso-di-n-propylamine	6.39	70	362484	37.87	ng		97
20) 3+4-Methylphenols	6.39	107	566758	41.30	ng	#	62
22) Acetophenone	6.37	105	760190	41.49	ng	#	87
24) Nitrobenzene	6.57	77	561351	39.51	ng		96
25) Isophorone	6.86	82	988406	39.05	ng		96
26) 2-Nitrophenol	6.95	139	296070	43.70	ng		98
27) 2,4-Dimethylphenol	7.02	122	466944	40.00	ng		96
28) bis(2-Chloroethoxy)methane	7.13	93	644723	38.62	ng		99
29) 2,4-Dichlorophenol	7.25	162	446361	40.89	ng		97
30) 1,2,4-Trichlorobenzene	7.34	180	449874	40.01	ng		98
31) Naphthalene	7.43	128	1553369	39.30	ng		100
32) Benzoic acid	7.17	122	206681	26.59	ng		94
33) 4-Chloroaniline	7.50	127	647295	40.40	ng		94
34) Hexachlorobutadiene	7.59	225	232211	40.28	ng		97
35) Caprolactam	7.96	113	140967	40.50	ng		92
36) 4-Chloro-3-methylphenol	8.12	107	462255	40.53	ng		90
37) 2-Methylnaphthalene	8.27	142	1042625	39.57	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.48	216	413677	41.18	ng		99
40) Hexachlorocyclopentadiene	8.47	237	173538	36.91	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.63	196	286960	40.37	ng		97
43) 2,4,5-Trichlorophenol	8.67	196	314318	40.87	ng		93
45) 1,1'-Biphenyl	8.85	154	1175656	39.69	ng		98
46) 2-Chloronaphthalene	8.87	162	929632	40.09	ng		94
47) 2-Nitroaniline	9.00	65	284673	41.39	ng	#	80
48) Acenaphthylene	9.37	152	1513182	39.27	ng		100
49) Dimethylphthalate	9.24	163	1060406	40.62	ng		99
50) 2,6-Dinitrotoluene	9.30	165	249235	41.65	ng	#	90
51) Acenaphthene	9.59	154	878837	39.08	ng		100
52) 3-Nitroaniline	9.51	138	293538	41.77	ng		85
53) 2,4-Dinitrophenol	9.63	184	77799	27.54	ng	#	71
54) Dibenzofuran	9.80	168	1177731	38.47	ng		99
55) 4-Nitrophenol	9.74	139	191944	34.88	ng	#	72
56) 2,4-Dinitrotoluene	9.80	165	300781	40.01	ng	#	71
57) Fluorene	10.22	166	973058	38.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	204508	38.75	ng		98
59) Diethylphthalate	10.10	149	1026553	39.79	ng		99
60) 4-Chlorophenyl-phenylether	10.23	204	412666	38.16	ng		94
61) 4-Nitroaniline	10.26	138	285713	42.37	ng		96
62) Azobenzene	10.43	77	936992	38.39	ng		94
64) 4,6-Dinitro-2-methylphenol	10.30	198	135669	34.44	ng	#	74
65) n-Nitrosodiphenylamine	10.38	169	885825	39.82	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	256212	40.49	ng		98
67) Hexachlorobenzene	10.90	284	265860	41.51	ng	#	86
68) Atrazine	11.05	200	267683	40.17	ng		96
69) Pentachlorophenol	11.15	266	120963	30.34	ng		99
70) Phenanthrene	11.40	178	1416220	39.57	ng		99
71) Anthracene	11.47	178	1462088	39.68	ng		98
72) Carbazole	11.67	167	1489012	39.41	ng		99
73) Di-n-butylphthalate	12.12	149	1594138	40.57	ng		100
74) Fluoranthene	12.87	202	1466814	40.03	ng		98
76) Benzidine	13.03	184	214243	11.21	ng		96
77) Pyrene	13.14	202	1492504	42.59	ng		100
79) Butylbenzylphthalate	13.96	149	666619	44.65	ng	#	84
80) Benzo(a)anthracene	14.62	228	1132492	40.22	ng		99
81) 3,3'-Dichlorobenzidine	14.59	252	382380	37.99	ng	#	97
82) Chrysene	14.66	228	1041782	39.87	ng		99
83) Bis(2-ethylhexyl)phthalate	14.67	149	877927	43.10	ng	#	99
84) Di-n-octyl phthalate	15.43	149	1388228	40.79	ng		97
85) Indeno(1,2,3-cd)pyrene	17.60	276	834375	36.87	ng		99
87) Benzo(b)fluoranthene	15.84	252	894730	43.72	ng		97
88) Benzo(k)fluoranthene	15.88	252	795620m	39.73	ng		
89) Benzo(a)pyrene	16.20	252	775959	41.17	ng		100
90) Dibenzo(a,h)anthracene	17.63	278	695499	43.57	ng		98
91) Benzo(g,h,i)perylene	18.00	276	720438	44.79	ng		98

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

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