Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
Data File : BF094488.D
Acq On : 18 Apr 2017 15:55
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
4/19/2017 1:33:10 PM

Quant Time: Apr 19 01:52:14 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	5.77	152	113432	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	501469	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	228020	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	400570	20.00	ng		0.00
75) Chrysene-d12	14.47	240	386277	20.00	ng		0.00
86) Perylene-d12	16.09	264	340495	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	608008	88.93	ng		0.01
7) Phenol-d6	5.40	99	650954	80.76	ng		0.00
23) Nitrobenzene-d5	6.42	82	610699	75.20	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	153368	85.99	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1158061	74.73	ng		0.00
78) Terphenyl-d14	13.20	244	1089150	75.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	176441	44.37	ng		95
3) Pyridine	2.61	79	380198	43.75	ng		99
4) n-Nitrosodimethylamine	2.56	42	147109	40.91	ng		85
6) Aniline	5.40	93	428122	39.97	ng		90
8) 2-Chlorophenol	5.54	128	320870	41.24	ng		96
9) Benzaldehyde	5.27	77	241011	39.31	ng		99
10) Phenol	5.41	94	397285	40.12	ng		95
11) bis(2-Chloroethyl)ether	5.48	93	297061	41.07	ng		97
12) 1,3-Dichlorobenzene	5.71	146	354399	41.12	ng		97
13) 1,4-Dichlorobenzene	5.79	146	359548	41.46	ng		95
14) 1,2-Dichlorobenzene	5.97	146	335115	41.95	ng		96
15) Benzyl Alcohol	5.95	79	246771	41.27	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	401573	42.34	ng		76
17) 2-Methylphenol	6.10	107	252944	41.28	ng		94
18) Hexachloroethane	6.35	117	125595	42.25	ng	#	84
19) n-Nitroso-di-n-propylamine	6.26	70	225434	42.21	ng		97
20) 3+4-Methylphenols	6.28	107	348196	41.82	ng	#	62
22) Acetophenone	6.25	105	450579	36.95	ng	#	86
24) Nitrobenzene	6.44	77	322960	37.76	ng		95
25) Isophorone	6.74	82	582298	38.68	ng		95
26) 2-Nitrophenol	6.82	139	178521	38.85	ng		99
27) 2,4-Dimethylphenol	6.90	122	291381	39.04	ng		98
28) bis(2-Chloroethoxy)methane	7.00	93	381626	39.19	ng		100
29) 2,4-Dichlorophenol	7.12	162	285799	41.16	ng		98
30) 1,2,4-Trichlorobenzene	7.21	180	283660	39.52	ng		99
31) Naphthalene	7.30	128	960646	39.85	ng		100
32) Benzoic acid	7.07	122	167513m	42.45	ng		
33) 4-Chloroaniline	7.37	127	408662	40.75	ng		95
34) Hexachlorobutadiene	7.45	225	145000	40.52	ng		98
35) Caprolactam	7.82	113	94503m	43.33	ng		
36) 4-Chloro-3-methylphenol	7.99	107	276330	37.98	ng		88
37) 2-Methylnaphthalene	8.14	142	665940	40.38	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	258393	39.80	ng		100
40) Hexachlorocyclopentadiene	8.33	237	117387	44.69	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	177599	38.95	ng		99
43) 2,4,5-Trichlorophenol	8.55	196	181136	38.68	ng	#	92
45) 1,1'-Biphenyl	8.71	154	744642	39.97	ng		97
46) 2-Chloronaphthalene	8.72	162	595727	40.22	ng		94
47) 2-Nitroaniline	8.86	65	176263	41.36	ng	#	84
48) Acenaphthylene	9.23	152	899781	38.96	ng		98
49) Dimethylphthalate	9.10	163	707573	41.64	ng		99
50) 2,6-Dinitrotoluene	9.17	165	157498	41.29	ng	#	88
51) Acenaphthene	9.44	154	542414	39.22	ng		99
52) 3-Nitroaniline	9.37	138	179413	40.66	ng		93
53) 2,4-Dinitrophenol	9.51	184	77958	40.71	ng	#	70
54) Dibenzofuran	9.65	168	815498	40.57	ng		99
55) 4-Nitrophenol	9.62	139	125133	40.14	ng	#	78
56) 2,4-Dinitrotoluene	9.67	165	202036	43.17	ng		95
57) Fluorene	10.08	166	643502	41.11	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	144366	43.01	ng		97
59) Diethylphthalate	9.97	149	689782	43.02	ng		98
60) 4-Chlorophenyl-phenylether	10.08	204	281061	43.14	ng		93
61) 4-Nitroaniline	10.12	138	168112	37.47	ng		99
62) Azobenzene	10.28	77	658516	42.30	ng		96
64) 4,6-Dinitro-2-methylphenol	10.17	198	116553	44.41	ng	#	71
65) n-Nitrosodiphenylamine	10.24	169	583764	41.90	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	170231	42.80	ng		97
67) Hexachlorobenzene	10.75	284	162051	40.43	ng	#	91
68) Atrazine	10.91	200	176928	42.45	ng		97
69) Pentachlorophenol	11.01	266	73960	46.47	ng		98
70) Phenanthrene	11.25	178	904644	40.10	ng		99
71) Anthracene	11.31	178	939381	40.26	ng		99
72) Carbazole	11.52	167	892892	40.77	ng		98
73) Di-n-butylphthalate	11.97	149	1064602	44.15	ng		99
74) Fluoranthene	12.71	202	976349	41.76	ng		99
76) Benzidine	12.89	184	570597	36.48	ng		96
77) Pyrene	12.99	202	1006395	37.29	ng		99
79) Butylbenzylphthalate	13.81	149	488422	41.30	ng		88
80) Benzo(a)anthracene	14.46	228	907498	40.42	ng		98
81) 3,3'-Dichlorobenzidine	14.44	252	327855	41.25	ng	#	96
82) Chrysene	14.51	228	842472	41.06	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	724576	45.63	ng	#	99
84) Di-n-octyl phthalate	15.28	149	1194594	44.85	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	748812	38.35	ng		100
87) Benzo(b)fluoranthene	15.69	252	853235	40.96	ng		98
88) Benzo(k)fluoranthene	15.72	252	796173	40.39	ng		96
89) Benzo(a)pyrene	16.04	252	779318	40.22	ng		99
90) Dibenzo(a,h)anthracene	17.38	278	622413	38.68	ng		98
91) Benzo(g,h,i)perylene	17.74	276	590540	36.05	ng		97

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

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