Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094681.D
Acq On : 28 Apr 2017 13:58
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/1/2017 6:35:00 PM

Quant Time: Apr 28 18:50:15 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	122684	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	500441	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	229858	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	393263	20.00	ng		0.00
75) Chrysene-d12	14.47	240	311355	20.00	ng		0.00
86) Perylene-d12	16.09	264	256047	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	600442	81.20	ng		0.02
7) Phenol-d6	5.40	99	686280	78.72	ng		0.00
23) Nitrobenzene-d5	6.42	82	630276	77.77	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	147536	82.06	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1206847	77.25	ng		0.00
78) Terphenyl-d14	13.20	244	988709	84.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	163614	38.04	ng		94
3) Pyridine	2.64	79	359044	38.20	ng		98
4) n-Nitrosodimethylamine	2.60	42	147056	37.81	ng		87
6) Aniline	5.40	93	448444	38.71	ng	#	84
8) 2-Chlorophenol	5.54	128	341558	40.59	ng		95
9) Benzaldehyde	5.27	77	270921	40.85	ng		98
10) Phenol	5.41	94	413451	38.61	ng		94
11) bis(2-Chloroethyl)ether	5.48	93	313527	40.07	ng		96
12) 1,3-Dichlorobenzene	5.70	146	375633	40.29	ng		99
13) 1,4-Dichlorobenzene	5.79	146	377590	40.26	ng		97
14) 1,2-Dichlorobenzene	5.97	146	350264	40.54	ng		95
15) Benzyl Alcohol	5.95	79	254238	39.31	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	411577	40.12	ng		83
17) 2-Methylphenol	6.09	107	265283	40.03	ng		94
18) Hexachloroethane	6.35	117	131714	40.96	ng	#	86
19) n-Nitroso-di-n-propylamine	6.26	70	232053	40.17	ng		96
20) 3+4-Methylphenols	6.27	107	367527	40.81	ng	#	61
22) Acetophenone	6.25	105	476016	39.12	ng	#	85
24) Nitrobenzene	6.44	77	334555	39.20	ng		96
25) Isophorone	6.74	82	605362	40.29	ng		95
26) 2-Nitrophenol	6.82	139	189293	41.28	ng		95
27) 2,4-Dimethylphenol	6.89	122	291144	39.09	ng		98
28) bis(2-Chloroethoxy)methane	6.99	93	386287	39.75	ng		99
29) 2,4-Dichlorophenol	7.12	162	283072	40.86	ng		99
30) 1,2,4-Trichlorobenzene	7.20	180	288977	40.34	ng		99
31) Naphthalene	7.29	128	949503	39.47	ng		99
32) Benzoic acid	7.08	122	180536	45.84	ng		98
33) 4-Chloroaniline	7.37	127	374494	37.42	ng		95
34) Hexachlorobutadiene	7.44	225	145830	40.83	ng		99
35) Caprolactam	7.83	113	86715m	39.84	ng		
36) 4-Chloro-3-methylphenol	7.99	107	291338	40.12	ng		91
37) 2-Methylnaphthalene	8.13	142	659473	40.07	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	261500	39.95	ng		99
40) Hexachlorocyclopentadiene	8.32	237	107652	40.66	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	182950	39.80	ng		97
43) 2,4,5-Trichlorophenol	8.55	196	186893	39.59	ng	#	90
45) 1,1'-Biphenyl	8.70	154	752342	40.06	ng		98
46) 2-Chloronaphthalene	8.72	162	585885	39.23	ng		96
47) 2-Nitroaniline	8.86	65	165260	38.47	ng		87
48) Acenaphthylene	9.22	152	917269	39.40	ng		99
49) Dimethylphthalate	9.10	163	694721	40.56	ng		99
50) 2,6-Dinitrotoluene	9.17	165	152837	39.75	ng		97
51) Acenaphthene	9.44	154	540831	38.79	ng		100
52) 3-Nitroaniline	9.38	138	159212	35.79	ng		87
53) 2,4-Dinitrophenol	9.52	184	71929	37.75	ng	#	64
54) Dibenzofuran	9.65	168	817007	40.32	ng		100
55) 4-Nitrophenol	9.64	139	142539m	45.35	ng		
56) 2,4-Dinitrotoluene	9.67	165	198419	42.06	ng		97
57) Fluorene	10.07	166	618631	39.20	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	139442	41.21	ng		97
59) Diethylphthalate	9.97	149	656951	40.65	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	268228	40.84	ng		89
61) 4-Nitroaniline	10.13	138	146880	32.48	ng		98
62) Azobenzene	10.28	77	627044	39.96	ng		94
64) 4,6-Dinitro-2-methylphenol	10.17	198	107354	41.66	ng	#	71
65) n-Nitrosodiphenylamine	10.24	169	556445	40.68	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	163749	41.93	ng		96
67) Hexachlorobenzene	10.75	284	163519	41.55	ng	#	91
68) Atrazine	10.91	200	168442	41.17	ng		97
69) Pentachlorophenol	11.01	266	70384	45.04	ng		97
70) Phenanthrene	11.25	178	877851	39.64	ng		98
71) Anthracene	11.31	178	922976	40.29	ng		98
72) Carbazole	11.52	167	834391	38.81	ng		97
73) Di-n-butylphthalate	11.97	149	1034517	43.70	ng		99
74) Fluoranthene	12.71	202	900765	39.25	ng		99
76) Benzidine	12.89	184	363887	28.86	ng	#	92
77) Pyrene	12.99	202	909379	41.81	ng		100
79) Butylbenzylphthalate	13.81	149	424116	44.49	ng	#	86
80) Benzo(a)anthracene	14.46	228	730975	40.39	ng		99
81) 3,3'-Dichlorobenzidine	14.44	252	246728	38.51	ng	#	97
82) Chrysene	14.51	228	666539	40.30	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	586578	45.83	ng	#	99
84) Di-n-octyl phthalate	15.28	149	967708	45.07	ng		97
85) Indeno(1,2,3-cd)pyrene	17.38	276	550659	34.99	ng		99
87) Benzo(b)fluoranthene	15.69	252	657700	41.99	ng		97
88) Benzo(k)fluoranthene	15.72	252	592306	39.96	ng		96
89) Benzo(a)pyrene	16.04	252	589472	40.45	ng		99
90) Dibenzo(a,h)anthracene	17.39	278	459702	37.99	ng		97
91) Benzo(g,h,i)perylene	17.76	276	447067	36.29	ng		96

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

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