Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096456.D
Acq On : 3 Jul 2017 23:34
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED

Quant Time: Jul 04 07:22:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	6.73	152	106828	20.00	ng		0.00	
21) Naphthalene-d8	8.01	136	393406	20.00	ng		-0.01	
38) Acenaphthene-d10	9.76	164	124435	20.00	ng		0.00	
63) Phenanthrene-d10	11.24	188	239732	20.00	ng		-0.01	
75) Chrysene-d12	13.87	240	160789	20.00	ng		0.00	
86) Perylene-d12	15.29	264	117463	20.00	ng		0.00	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	5.34	112	594438	82.13	ng		0.00	
7) Phenol-d6	6.37	99	670539	75.36	ng		0.00	
23) Nitrobenzene-d5	7.29	82	487030	74.39	ng		-0.01	7/5/2017 11:41:55 AM
41) 2,4,6-Tribromophenol	10.55	330	87564	90.09	ng		0.00	
44) 2-Fluorobiphenyl	9.09	172	775484	106.55	ng		-0.01	
78) Terphenyl-d14	12.83	244	720185	95.71	ng		0.00	
Target Compounds							Qvalue	
2) 1,4-Dioxane	2.37	88	127400	37.121	ng	#	76	
3) Pyridine	3.07	79	362376	38.483	ng	#	67	
4) n-Nitrosodimethylamine	3.02	42	181882	39.132	ng		84	
6) Aniline	6.39	93	439831	38.245	ng	#	74	
8) 2-Chlorophenol	6.52	128	304869	39.499	ng		98	
9) Benzaldehyde	6.27	77	192864	34.634	ng		96	
10) Phenol	6.38	94	372350	36.732	ng		82	
11) bis(2-Chloroethyl)ether	6.46	93	305474	38.994	ng		91	
12) 1,3-Dichlorobenzene	6.67	146	326691	40.368	ng		99	
13) 1,4-Dichlorobenzene	6.75	146	327318	40.465	ng		95	
14) 1,2-Dichlorobenzene	6.90	146	291539	39.254	ng		96	
15) Benzyl Alcohol	6.87	79	206516	34.721	ng		97	
16) 2,2'-oxybis(1-Chloropropan	7.01	45	615405	38.642	ng		91	
17) 2-Methylphenol	6.99	107	227393	36.968	ng		97	
18) Hexachloroethane	7.25	117	58761	20.038	ng		88	
19) n-Nitroso-di-n-propylamine	7.15	70	193725	36.546	ng	#	84	
20) 3+4-Methylphenols	7.14	107	273069	39.801	ng	#	87	
22) Acetophenone	7.14	105	374703	43.590	ng	#	95	
24) Nitrobenzene	7.31	77	267272	38.915	ng		92	
25) Isophorone	7.55	82	499356	39.339	ng		97	
26) 2-Nitrophenol	7.63	139	63635	17.505	ng		94	
27) 2,4-Dimethylphenol	7.67	122	228126	36.855	ng		97	
28) bis(2-Chloroethoxy)methane	7.76	93	346200	41.316	ng		100	
29) 2,4-Dichlorophenol	7.87	162	187234	35.059	ng		96	
30) 1,2,4-Trichlorobenzene	7.96	180	203328	40.361	ng		99	
31) Naphthalene	8.03	128	674262	36.305	ng		99	
32) Benzoic acid	7.77	122	113086m	21.754	ng			
33) 4-Chloroaniline	8.08	127	266308	34.521	ng		98	
34) Hexachlorobutadiene	8.16	225	102930	39.836	ng		97	
35) Caprolactam	8.45	113	54500	29.594	ng	#	71	
36) 4-Chloro-3-methylphenol	8.56	107	185571	31.403	ng		90	
37) 2-Methylnaphthalene	8.73	142	429704	36.347	ng		97	
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	170156	52.664	ng		99	
40) Hexachlorocyclopentadiene	8.88	237	4969	3.163	ng		89	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	115421	45.158	ng		100
43) 2,4,5-Trichlorophenol	9.05	196	113292	44.829	ng		94
45) 1,1'-Biphenyl	9.19	154	517682	48.555	ng		97
46) 2-Chloronaphthalene	9.21	162	370472	46.626	ng		93
47) 2-Nitroaniline	9.30	65	123304	42.649	ng	#	86
48) Acenaphthylene	9.62	152	513950	40.821	ng		99
49) Dimethylphthalate	9.49	163	413256	44.488	ng		98
50) 2,6-Dinitrotoluene	9.55	165	56162	27.340	ng		90
51) Acenaphthene	9.80	154	299215	38.556	ng		97
52) 3-Nitroaniline	9.71	138	117329	45.794	ng	#	90
54) Dibenzofuran	9.97	168	432350	42.196	ng		98
55) 4-Nitrophenol	9.87	139	61923	29.160	ng	#	70
56) 2,4-Dinitrotoluene	9.95	165	57316	22.033	ng	#	85
57) Fluorene	10.31	166	345207	47.704	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	78764	45.047	ng		97
59) Diethylphthalate	10.19	149	410173	46.716	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	144572	45.918	ng		95
61) 4-Nitroaniline	10.32	138	125157	53.724	ng		89
62) Azobenzene	10.46	77	340476	40.103	ng		93
65) n-Nitrosodiphenylamine	10.42	169	329054	39.120	ng		98
66) 4-Bromophenyl-phenylether	10.79	248	89331	38.279	ng		94
67) Hexachlorobenzene	10.86	284	103084	40.351	ng	#	89
68) Atrazine	10.94	200	76664	31.903	ng		93
69) Pentachlorophenol	11.05	266	52087	34.402	ng		99
70) Phenanthrene	11.27	178	520451	40.160	ng		99
71) Anthracene	11.32	178	547662	41.471	ng		97
72) Carbazole	11.47	167	534315	40.231	ng		98
73) Di-n-butylphthalate	11.81	149	578539	35.965	ng		99
74) Fluoranthene	12.45	202	560131	44.084	ng		98
76) Benzidine	12.57	184	376738	48.831	ng	#	94
77) Pyrene	12.68	202	583671	45.224	ng		99
79) Butylbenzylphthalate	13.30	149	293105	44.864	ng	#	83
80) Benzo(a)anthracene	13.87	228	372087	39.962	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	168335	44.017	ng	#	97
82) Chrysene	13.90	228	371522	38.103	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	348029	47.723	ng		99
84) Di-n-octyl phthalate	14.47	149	621099	43.249	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.66	276	272000	35.340	ng		99
87) Benzo(b)fluoranthene	14.89	252	287713	39.090	ng		98
88) Benzo(k)fluoranthene	14.92	252	295009m	44.808	ng		
89) Benzo(a)pyrene	15.23	252	265406	40.390	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	229485	44.392	ng		96
91) Benzo(g,h,i)perylene	17.07	276	224138	41.842	ng		99

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

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