Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097142.D
Acq On : 28 Jul 2017 9:35
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
7/31/2017 6:51:21 PM

Quant Time: Jul 28 13:23:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	111882	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	472811	20.00	ng		-0.01
38) Acenaphthene-d10	9.52	164	215562	20.00	ng		-0.01
63) Phenanthrene-d10	10.99	188	376272	20.00	ng		-0.01
75) Chrysene-d12	13.62	240	238115	20.00	ng		0.00
86) Perylene-d12	14.96	264	221662	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	582572	78.50	ng		-0.02
7) Phenol-d6	6.16	99	724842	85.55	ng		-0.01
23) Nitrobenzene-d5	7.06	82	624656	77.50	ng		-0.01
41) 2,4,6-Tribromophenol	10.31	330	138905	81.56	ng		-0.01
44) 2-Fluorobiphenyl	8.86	172	1021934	80.46	ng		-0.01
78) Terphenyl-d14	12.58	244	902448	77.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	118497	38.260	ng	#	73
3) Pyridine	2.63	79	368920	38.900	ng	#	67
4) n-Nitrosodimethylamine	2.58	42	206969	39.392	ng	#	78
6) Aniline	6.15	93	450538	42.256	ng	#	84
8) 2-Chlorophenol	6.28	128	328600	41.407	ng		98
9) Benzaldehyde	6.03	77	233696	46.598	ng		99
10) Phenol	6.17	94	436865	43.469	ng		97
11) bis(2-Chloroethyl)ether	6.23	93	319921	40.248	ng		89
12) 1,3-Dichlorobenzene	6.43	146	337124	39.419	ng		99
13) 1,4-Dichlorobenzene	6.50	146	342834m	40.450	ng		
14) 1,2-Dichlorobenzene	6.66	146	295613	39.946	ng		95
15) Benzyl Alcohol	6.65	79	213545	39.808	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.78	45	604076	37.890	ng		78
17) 2-Methylphenol	6.77	107	238391	38.922	ng	#	93
18) Hexachloroethane	7.00	117	127368	41.077	ng	#	80
19) n-Nitroso-di-n-propylamine	6.92	70	215943	38.720	ng	#	83
20) 3+4-Methylphenols	6.93	107	326564	40.823	ng	#	63
22) Acetophenone	6.91	105	427892	37.685	ng	#	98
24) Nitrobenzene	7.08	77	318822	37.982	ng		93
25) Isophorone	7.33	82	557935	35.349	ng		95
26) 2-Nitrophenol	7.40	139	185376	40.820	ng	#	88
27) 2,4-Dimethylphenol	7.45	122	288146	38.464	ng		98
28) bis(2-Chloroethoxy)methane	7.54	93	374378	36.347	ng		99
29) 2,4-Dichlorophenol	7.65	162	258054	39.986	ng		94
30) 1,2,4-Trichlorobenzene	7.72	180	248165	40.343	ng		98
31) Naphthalene	7.80	128	882874	39.612	ng		99
32) Benzoic acid	7.62	122	213566	38.179	ng		94
33) 4-Chloroaniline	7.86	127	371135	40.924	ng		95
34) Hexachlorobutadiene	7.92	225	125176	38.384	ng		98
35) Caprolactam	8.24	113	82732	39.979	ng	#	57
36) 4-Chloro-3-methylphenol	8.36	107	273124	38.792	ng		88
37) 2-Methylnaphthalene	8.49	142	608248	43.103	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	235550	40.953	ng		99
40) Hexachlorocyclopentadiene	8.64	237	72490	39.663	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	168903	40.522	ng		99
43) 2,4,5-Trichlorophenol	8.82	196	170209	40.798	ng		96
45) 1,1'-Biphenyl	8.95	154	722503	39.241	ng		97
46) 2-Chloronaphthalene	8.97	162	528847	39.032	ng		94
47) 2-Nitroaniline	9.07	65	190660	38.774	ng		98
48) Acenaphthylene	9.38	152	768596	36.957	ng		100
49) Dimethylphthalate	9.26	163	626498	38.272	ng		99
50) 2,6-Dinitrotoluene	9.32	165	136131	39.210	ng	#	76
51) Acenaphthene	9.56	154	461409	37.666	ng		98
52) 3-Nitroaniline	9.49	138	165080	38.307	ng		95
53) 2,4-Dinitrophenol	9.60	184	62766	39.761	ng	#	73
54) Dibenzofuran	9.73	168	613999	37.630	ng		98
55) 4-Nitrophenol	9.67	139	90151	35.178	ng	#	63
56) 2,4-Dinitrotoluene	9.73	165	155667	39.003	ng	#	58
57) Fluorene	10.07	166	509941	41.581	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	108473	37.657	ng		99
59) Diethylphthalate	9.96	149	608487	40.518	ng		99
60) 4-Chlorophenyl-phenylether	10.06	204	210940	41.653	ng		94
61) 4-Nitroaniline	10.10	138	174061	42.509	ng		91
62) Azobenzene	10.22	77	541874	38.894	ng		93
64) 4,6-Dinitro-2-methylphenol	10.14	198	98798	42.255	ng		92
65) n-Nitrosodiphenylamine	10.19	169	476372	36.386	ng		98
66) 4-Bromophenyl-phenylether	10.54	248	138848	36.976	ng		94
67) Hexachlorobenzene	10.62	284	153270	36.398	ng	#	89
68) Atrazine	10.72	200	140467	37.416	ng		93
69) Pentachlorophenol	10.82	266	62417	35.824	ng		98
70) Phenanthrene	11.02	178	758185	37.607	ng		98
71) Anthracene	11.07	178	764407	37.019	ng		99
72) Carbazole	11.23	167	772276	38.028	ng		98
73) Di-n-butylphthalate	11.57	149	926956	36.926	ng		98
74) Fluoranthene	12.20	202	737901	37.361	ng		99
76) Benzidine	12.33	184	295551	33.451	ng		95
77) Pyrene	12.42	202	763700	39.177	ng		99
79) Butylbenzylphthalate	13.06	149	393255	39.659	ng	#	81
80) Benzo(a)anthracene	13.61	228	599965	38.941	ng		99
81) 3,3'-Dichlorobenzidine	13.58	252	224265	38.599	ng	#	96
82) Chrysene	13.64	228	590586	39.256	ng		100
83) Bis(2-ethylhexyl)phthalate	13.62	149	479307	37.021	ng		98
84) Di-n-octyl phthalate	14.23	149	858994	36.154	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.20	276	492884	38.207	ng		97
87) Benzo(b)fluoranthene	14.61	252	534239	40.094	ng		98
88) Benzo(k)fluoranthene	14.63	252	476812	37.553	ng		97
89) Benzo(a)pyrene	14.92	252	487029	39.937	ng		98
90) Dibenzo(a,h)anthracene	16.20	278	398969	39.895	ng		97
91) Benzo(g,h,i)perylene	16.56	276	423527	40.385	ng		99

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

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