Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097107.D
Acq On : 27 Jul 2017 6:16
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/27/2017 12:31:47 PM

Quant Time: Jul 27 08:23:29 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	6.50	152	99695	20.00	ng		0.00
21) Naphthalene-d8	7.78	136	381507	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	155676	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	265691	20.00	ng		0.00
75) Chrysene-d12	13.63	240	172334	20.00	ng		0.00
86) Perylene-d12	14.98	264	158108	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	523388	79.14	ng		0.00
7) Phenol-d6	6.16	99	539194	71.42	ng		0.00
23) Nitrobenzene-d5	7.07	82	556365	85.55	ng		0.00
41) 2,4,6-Tribromophenol	10.32	330	97587	79.34	ng		0.00
44) 2-Fluorobiphenyl	8.86	172	785116	85.59	ng		0.00
78) Terphenyl-d14	12.59	244	605111	71.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	107117	38.813	ng	#	75
3) Pyridine	2.62	79	347955	41.174	ng	#	67
4) n-Nitrosodimethylamine	2.58	42	191634	40.932	ng		79
6) Aniline	6.16	93	336139	35.381	ng	#	87
8) 2-Chlorophenol	6.29	128	264362	37.384	ng		92
9) Benzaldehyde	6.04	77	157152	35.166	ng		99
10) Phenol	6.17	94	326382	36.446	ng		96
11) bis(2-Chloroethyl)ether	6.25	93	254275	35.900	ng		94
12) 1,3-Dichlorobenzene	6.44	146	274780	36.057	ng		98
13) 1,4-Dichlorobenzene	6.52	146	294560	39.003	ng		97
14) 1,2-Dichlorobenzene	6.67	146	256908	38.960	ng		98
15) Benzyl Alcohol	6.66	79	178240	37.288	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.79	45	492782	34.688	ng		95
17) 2-Methylphenol	6.78	107	195013	35.732	ng	#	92
18) Hexachloroethane	7.00	117	96228	34.828	ng	#	78
19) n-Nitroso-di-n-propylamine	6.93	70	178327	35.884	ng	#	81
20) 3+4-Methylphenols	6.94	107	297044	41.672	ng	#	64
22) Acetophenone	6.92	105	345049	37.662	ng	#	98
24) Nitrobenzene	7.09	77	292992	43.259	ng		97
25) Isophorone	7.33	82	450493	35.372	ng		95
26) 2-Nitrophenol	7.40	139	125388	34.219	ng	#	89
27) 2,4-Dimethylphenol	7.46	122	232781	38.510	ng		96
28) bis(2-Chloroethoxy)methane	7.55	93	319062	38.390	ng		99
29) 2,4-Dichlorophenol	7.66	162	208573	40.054	ng		98
30) 1,2,4-Trichlorobenzene	7.73	180	199760	40.246	ng		97
31) Naphthalene	7.80	128	711948	39.588	ng		99
32) Benzoic acid	7.61	122	155844m	34.527	ng		
33) 4-Chloroaniline	7.86	127	284616	38.895	ng		97
34) Hexachlorobutadiene	7.93	225	106028	40.294	ng		97
35) Caprolactam	8.24	113	65999	39.526	ng	#	56
36) 4-Chloro-3-methylphenol	8.36	107	220118	38.746	ng		89
37) 2-Methylnaphthalene	8.49	142	436350	38.322	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	176986	42.608	ng		99
40) Hexachlorocyclopentadiene	8.65	237	10753	13.384	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	126368	41.980	ng		99
43) 2,4,5-Trichlorophenol	8.83	196	123523	40.998	ng		96
45) 1,1'-Biphenyl	8.96	154	542677	40.812	ng		98
46) 2-Chloronaphthalene	8.98	162	388374	39.691	ng	#	92
47) 2-Nitroaniline	9.09	65	148244	41.746	ng		91
48) Acenaphthylene	9.39	152	632992	42.146	ng		98
49) Dimethylphthalate	9.27	163	501086	42.387	ng		98
50) 2,6-Dinitrotoluene	9.33	165	96992	38.684	ng	#	81
51) Acenaphthene	9.56	154	355564	40.191	ng		99
52) 3-Nitroaniline	9.49	138	125962	40.474	ng		98
53) 2,4-Dinitrophenol	9.62	184	13076	11.470	ng	#	74
54) Dibenzofuran	9.73	168	468201	39.733	ng		98
55) 4-Nitrophenol	9.68	139	66482	35.921	ng	#	68
56) 2,4-Dinitrotoluene	9.73	165	104577	36.282	ng	#	61
57) Fluorene	10.07	166	382356	43.172	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.86	232	78915	37.934	ng		98
59) Diethylphthalate	9.96	149	459002	42.321	ng		98
60) 4-Chlorophenyl-phenylether	10.07	204	161356	44.119	ng		98
61) 4-Nitroaniline	10.10	138	126239	42.689	ng		92
62) Azobenzene	10.23	77	419275	41.671	ng		94
64) 4,6-Dinitro-2-methylphenol	10.15	198	24426	14.795	ng		92
65) n-Nitrosodiphenylamine	10.19	169	344646	37.281	ng		98
66) 4-Bromophenyl-phenylether	10.56	248	94898	35.790	ng		98
67) Hexachlorobenzene	10.63	284	103434	34.787	ng		97
68) Atrazine	10.72	200	81117	30.600	ng		89
69) Pentachlorophenol	10.82	266	46500	37.797	ng		99
70) Phenanthrene	11.03	178	554820	38.973	ng		98
71) Anthracene	11.08	178	557789	38.256	ng		98
72) Carbazole	11.24	167	534374	37.265	ng		99
73) Di-n-butylphthalate	11.58	149	665345	37.536	ng		99
74) Fluoranthene	12.21	202	491917	35.273	ng		97
76) Benzidine	12.34	184	299897	46.900	ng	#	94
77) Pyrene	12.43	202	512106	36.298	ng		99
79) Butylbenzylphthalate	13.07	149	275283	38.359	ng	#	85
80) Benzo(a)anthracene	13.62	228	409152	36.693	ng		98
81) 3,3'-Dichlorobenzidine	13.59	252	165407	39.336	ng	#	97
82) Chrysene	13.66	228	397255	36.485	ng		99
83) Bis(2-ethylhexyl)phthalate	13.63	149	351070	37.467	ng		98
84) Di-n-octyl phthalate	14.24	149	641907	37.330	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.22	276	346953	37.161	ng		96
87) Benzo(b)fluoranthene	14.62	252	375033	39.460	ng		98
88) Benzo(k)fluoranthene	14.64	252	335286	37.021	ng		96
89) Benzo(a)pyrene	14.93	252	347203	39.915	ng		98
90) Dibenzo(a,h)anthracene	16.22	278	283909	39.801	ng	#	95
91) Benzo(g,h,i)perylene	16.57	276	286175	38.257	ng		98

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

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