Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097378.D
Acq On : 5 Aug 2017 2:12
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/7/2017 6:10:13 PM

Quant Time: Aug 07 12:07:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	98677	20.00	ng		-0.06
21) Naphthalene-d8	7.72	136	401800	20.00	ng		-0.06
38) Acenaphthene-d10	9.46	164	167735	20.00	ng		-0.07
63) Phenanthrene-d10	10.93	188	253673	20.00	ng		-0.07
75) Chrysene-d12	13.56	240	161722	20.00	ng		-0.07
86) Perylene-d12	14.89	264	167126	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	571269	87.27	ng		-0.06
7) Phenol-d6	6.12	99	675681	90.42	ng		-0.05
23) Nitrobenzene-d5	7.02	82	572620	83.60	ng		-0.06
41) 2,4,6-Tribromophenol	10.25	330	96473	72.80	ng		-0.07
44) 2-Fluorobiphenyl	8.80	172	823652	83.33	ng		-0.07
78) Terphenyl-d14	12.52	244	606270	76.43	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	1.91	88	111646	40.872	ng	#	73
3) Pyridine	2.52	79	331369	39.616	ng	#	60
4) n-Nitrosodimethylamine	2.48	42	192573	41.557	ng		81
6) Aniline	6.10	93	442382	47.044	ng		96
8) 2-Chlorophenol	6.23	128	312908	44.706	ng		93
9) Benzaldehyde	5.98	77	240210	54.307	ng		91
10) Phenol	6.13	94	411852	46.464	ng		95
11) bis(2-Chloroethyl)ether	6.19	93	308634	44.024	ng		88
12) 1,3-Dichlorobenzene	6.38	146	310522	41.167	ng		99
13) 1,4-Dichlorobenzene	6.46	146	314427	42.063	ng		96
14) 1,2-Dichlorobenzene	6.61	146	263401	40.356	ng		99
15) Benzyl Alcohol	6.60	79	206672	43.683	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.73	45	575725	40.945	ng		92
17) 2-Methylphenol	6.73	107	222940	41.270	ng	#	87
18) Hexachloroethane	6.95	117	92972	33.997	ng	#	81
19) n-Nitroso-di-n-propylamine	6.87	70	209666	42.625	ng	#	80
20) 3+4-Methylphenols	6.89	107	321399	45.554	ng	#	61
22) Acetophenone	6.86	105	398169	41.265	ng	#	98
24) Nitrobenzene	7.03	77	308419	43.237	ng		97
25) Isophorone	7.27	82	516075	38.475	ng		98
26) 2-Nitrophenol	7.35	139	142861	37.018	ng	#	88
27) 2,4-Dimethylphenol	7.41	122	250016	39.273	ng		98
28) bis(2-Chloroethoxy)methane	7.49	93	353933	40.434	ng		99
29) 2,4-Dichlorophenol	7.61	162	233253	42.531	ng		98
30) 1,2,4-Trichlorobenzene	7.67	180	209826	40.139	ng		97
31) Naphthalene	7.75	128	779325	41.146	ng		100
32) Benzoic acid	7.57	122	107728	22.662	ng		99
33) 4-Chloroaniline	7.81	127	338037	43.862	ng		97
34) Hexachlorobutadiene	7.87	225	109194	39.401	ng		97
35) Caprolactam	8.19	113	74605	42.423	ng	#	53
36) 4-Chloro-3-methylphenol	8.32	107	250496	41.866	ng		87
37) 2-Methylnaphthalene	8.43	142	484154	40.373	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	197380	44.101	ng		99
40) Hexachlorocyclopentadiene	8.59	237	5209	9.646	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	133697	41.222	ng		98
43) 2,4,5-Trichlorophenol	8.78	196	124398	38.320	ng		98
45) 1,1'-Biphenyl	8.90	154	600280	41.899	ng		98
46) 2-Chloronaphthalene	8.92	162	435900	41.345	ng		95
47) 2-Nitroaniline	9.03	65	168826	44.124	ng		97
48) Acenaphthylene	9.33	152	661085	40.852	ng		98
49) Dimethylphthalate	9.20	163	564918	44.351	ng		100
50) 2,6-Dinitrotoluene	9.27	165	114268	42.297	ng	#	67
51) Acenaphthene	9.50	154	388058	40.710	ng		99
52) 3-Nitroaniline	9.44	138	142223	42.413	ng		96
53) 2,4-Dinitrophenol	9.58	184	7294	5.938	ng	#	66
54) Dibenzofuran	9.67	168	541158	42.622	ng		97
55) 4-Nitrophenol	9.65	139	43556m	21.842	ng		
56) 2,4-Dinitrotoluene	9.68	165	134904	43.438	ng	#	81
57) Fluorene	10.01	166	415113	43.501	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.80	232	80323	35.835	ng		98
59) Diethylphthalate	9.90	149	518657	44.383	ng		98
60) 4-Chlorophenyl-phenylether	10.00	204	174601	44.308	ng		99
61) 4-Nitroaniline	10.05	138	129762	40.726	ng		93
62) Azobenzene	10.16	77	488264	45.039	ng		92
64) 4,6-Dinitro-2-methylphenol	10.09	198	19047	12.083	ng		90
65) n-Nitrosodiphenylamine	10.13	169	409205	46.362	ng		99
66) 4-Bromophenyl-phenylether	10.49	248	106586	42.103	ng		94
67) Hexachlorobenzene	10.56	284	114841	40.453	ng	#	86
68) Atrazine	10.66	200	96343	38.066	ng		93
69) Pentachlorophenol	10.76	266	41983m	35.742	ng		
70) Phenanthrene	10.96	178	559751	41.183	ng		99
71) Anthracene	11.01	178	556700	39.990	ng		99
72) Carbazole	11.17	167	538719	39.348	ng		99
73) Di-n-butylphthalate	11.52	149	706843	41.767	ng		98
74) Fluoranthene	12.14	202	500983	37.624	ng		99
76) Benzidine	12.27	184	247989	41.327	ng	#	94
77) Pyrene	12.36	202	523756	39.560	ng		99
79) Butylbenzylphthalate	12.99	149	267863	39.774	ng	#	80
80) Benzo(a)anthracene	13.54	228	407997	38.990	ng		100
81) 3,3'-Dichlorobenzidine	13.52	252	167066	42.337	ng	#	96
82) Chrysene	13.58	228	413819	40.500	ng		99
83) Bis(2-ethylhexyl)phthalate	13.56	149	328530	37.362	ng		99
84) Di-n-octyl phthalate	14.16	149	669305	41.477	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.09	276	344788	39.352	ng		97
87) Benzo(b)fluoranthene	14.54	252	429103	42.712	ng		96
88) Benzo(k)fluoranthene	14.57	252	359662	37.569	ng		95
89) Benzo(a)pyrene	14.84	252	376812	40.982	ng		98
90) Dibenzo(a,h)anthracene	16.10	278	289855	38.442	ng		98
91) Benzo(g,h,i)perylene	16.44	276	283491	35.853	ng		98

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

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