Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097298.D
Acq On : 3 Aug 2017 4:35
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/3/2017 6:08:30 PM

Quant Time: Aug 03 11:49:33 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	6.45	152	120788	20.00	ng		-0.05
21) Naphthalene-d8	7.74	136	567913	20.00	ng		-0.05
38) Acenaphthene-d10	9.48	164	260870	20.00	ng		-0.05
63) Phenanthrene-d10	10.96	188	413557	20.00	ng		-0.05
75) Chrysene-d12	13.58	240	212257	20.00	ng		-0.05
86) Perylene-d12	14.92	264	224768	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	621339	77.55	ng		-0.05
7) Phenol-d6	6.13	99	716440	78.32	ng		-0.04
23) Nitrobenzene-d5	7.03	82	640118	66.12	ng		-0.05
41) 2,4,6-Tribromophenol	10.27	330	153044	74.25	ng		-0.05
44) 2-Fluorobiphenyl	8.82	172	1094187	71.18	ng		-0.05
78) Terphenyl-d14	12.54	244	923597	88.72	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	135218	40.440	ng	#	74
3) Pyridine	2.53	79	402352	39.297	ng	#	60
4) n-Nitrosodimethylamine	2.49	42	230207	40.585	ng		82
6) Aniline	6.12	93	453328	39.383	ng		95
8) 2-Chlorophenol	6.25	128	335324	39.138	ng		96
9) Benzaldehyde	6.00	77	195273	36.066	ng		100
10) Phenol	6.14	94	447724	41.265	ng		97
11) bis(2-Chloroethyl)ether	6.20	93	331984	38.687	ng		90
12) 1,3-Dichlorobenzene	6.39	146	355590	38.513	ng		98
13) 1,4-Dichlorobenzene	6.47	146	351579	38.423	ng		95
14) 1,2-Dichlorobenzene	6.62	146	316918	39.668	ng		99
15) Benzyl Alcohol	6.62	79	245639	42.415	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.75	45	628367	36.508	ng	#	49
17) 2-Methylphenol	6.75	107	255444	38.631	ng	#	90
18) Hexachloroethane	6.96	117	118537	35.410	ng	#	84
19) n-Nitroso-di-n-propylamine	6.89	70	234804	38.997	ng	#	86
20) 3+4-Methylphenols	6.90	107	364185	42.169	ng	#	63
22) Acetophenone	6.88	105	455855	33.425	ng		95
24) Nitrobenzene	7.05	77	338260	33.550	ng		90
25) Isophorone	7.29	82	688272	36.304	ng		97
26) 2-Nitrophenol	7.36	139	176643	32.384	ng	#	88
27) 2,4-Dimethylphenol	7.42	122	298532	33.177	ng		98
28) bis(2-Chloroethoxy)methane	7.50	93	401838	32.480	ng		98
29) 2,4-Dichlorophenol	7.62	162	304140	39.236	ng		96
30) 1,2,4-Trichlorobenzene	7.69	180	277424	37.547	ng		98
31) Naphthalene	7.76	128	1017519	38.009	ng		99
32) Benzoic acid	7.60	122	247077	36.773	ng		96
33) 4-Chloroaniline	7.82	127	431873	39.647	ng		99
34) Hexachlorobutadiene	7.88	225	144414	36.868	ng		97
35) Caprolactam	8.22	113	110812m	44.581	ng		
36) 4-Chloro-3-methylphenol	8.33	107	343645	40.635	ng		85
37) 2-Methylnaphthalene	8.45	142	649106	38.295	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.62	216	259899	37.338	ng		99
40) Hexachlorocyclopentadiene	8.60	237	33189	19.103	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	188698	37.409	ng		100
43) 2,4,5-Trichlorophenol	8.79	196	191554	37.940	ng		95
45) 1,1'-Biphenyl	8.92	154	811753	36.431	ng		98
46) 2-Chloronaphthalene	8.94	162	598326	36.490	ng		94
47) 2-Nitroaniline	9.05	65	241510	40.585	ng		94
48) Acenaphthylene	9.35	152	900997	35.799	ng		99
49) Dimethylphthalate	9.23	163	772113	38.976	ng		98
50) 2,6-Dinitrotoluene	9.29	165	161446	38.425	ng	#	87
51) Acenaphthene	9.52	154	548799	37.019	ng		98
52) 3-Nitroaniline	9.46	138	213569	40.952	ng		95
53) 2,4-Dinitrophenol	9.58	184	36904	19.318	ng	#	75
54) Dibenzofuran	9.69	168	751315	38.048	ng		96
55) 4-Nitrophenol	9.65	139	110838	35.738	ng	#	63
56) 2,4-Dinitrotoluene	9.70	165	193669	40.097	ng	#	81
57) Fluorene	10.03	166	564653	38.046	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	131632	37.760	ng		98
59) Diethylphthalate	9.92	149	721155	39.680	ng		99
60) 4-Chlorophenyl-phenylether	10.02	204	226711	36.992	ng		98
61) 4-Nitroaniline	10.07	138	201676	40.698	ng		93
62) Azobenzene	10.19	77	659613	39.122	ng		92
64) 4,6-Dinitro-2-methylphenol	10.11	198	70083	27.272	ng		90
65) n-Nitrosodiphenylamine	10.15	169	560088	38.924	ng		96
66) 4-Bromophenyl-phenylether	10.51	248	163145	39.530	ng		99
67) Hexachlorobenzene	10.58	284	176877	38.217	ng	#	92
68) Atrazine	10.69	200	161358	39.106	ng		96
69) Pentachlorophenol	10.78	266	64701m	33.787	ng		
70) Phenanthrene	10.98	178	821027	37.052	ng		98
71) Anthracene	11.03	178	828005	36.484	ng		98
72) Carbazole	11.19	167	772975	34.631	ng		99
73) Di-n-butylphthalate	11.53	149	1036721	37.576	ng		99
74) Fluoranthene	12.16	202	748278	34.471	ng		99
76) Benzidine	12.29	184	339657m	43.127	ng		
77) Pyrene	12.39	202	705973	40.627	ng		99
79) Butylbenzylphthalate	13.02	149	412881	46.711	ng	#	78
80) Benzo(a)anthracene	13.57	228	526191	38.313	ng		99
81) 3,3'-Dichlorobenzidine	13.54	252	219737	42.427	ng	#	96
82) Chrysene	13.60	228	519257	38.720	ng		99
83) Bis(2-ethylhexyl)phthalate	13.58	149	470153	40.738	ng		98
84) Di-n-octyl phthalate	14.19	149	852832	40.268	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.13	276	468544	40.745	ng		99
87) Benzo(b)fluoranthene	14.57	252	506483	37.486	ng		99
88) Benzo(k)fluoranthene	14.59	252	418345	32.493	ng	#	94
89) Benzo(a)pyrene	14.87	252	471872	38.159	ng		98
90) Dibenzo(a,h)anthracene	16.13	278	378446	37.320	ng		96
91) Benzo(g,h,i)perylene	16.49	276	411538	38.700	ng		99

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

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