Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104535.D
Acq On : 16 Apr 2018 16:13
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
4/17/2018 10:08:53 AM

Quant Time: Apr 16 16:49:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 12:15:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	157448	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	652898	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	309799	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	579496	20.00	ng		0.00
75) Chrysene-d12	13.99	240	427010	20.00	ng		0.00
86) Perylene-d12	15.46	264	336445	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	759014	73.71	ng		0.00
7) Phenol-d6	6.45	99	937404	74.09	ng		0.00
23) Nitrobenzene-d5	7.38	82	845099	84.52	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	256767	79.90	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1402792	71.53	ng		0.00
78) Terphenyl-d14	12.93	244	1396594	74.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	184044	38.358	ng		89
3) Pyridine	3.26	79	462347	34.274	ng		88
4) n-Nitrosodimethylamine	3.22	42	152661	32.374	ng		80
6) Aniline	6.47	93	621197	35.341	ng		100
8) 2-Chlorophenol	6.60	128	419217	38.573	ng		96
9) Benzaldehyde	6.36	77	241385	36.704	ng		96
10) Phenol	6.46	94	519222	38.679	ng		86
11) bis(2-Chloroethyl)ether	6.55	93	411805	38.442	ng		95
12) 1,3-Dichlorobenzene	6.75	146	463404	37.637	ng		99
13) 1,4-Dichlorobenzene	6.83	146	471581	38.423	ng		99
14) 1,2-Dichlorobenzene	6.98	146	428125	37.641	ng		98
15) Benzyl Alcohol	6.96	79	344859	35.888	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	537019	37.328	ng		89
17) 2-Methylphenol	7.07	107	357534	37.845	ng		98
18) Hexachloroethane	7.32	117	172528	39.426	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	278994	33.746	ng		96
20) 3+4-Methylphenols	7.23	107	409628	34.961	ng	#	69
22) Acetophenone	7.22	105	565279	35.167	ng		95
24) Nitrobenzene	7.40	77	448451	40.623	ng		99
25) Isophorone	7.63	82	780287	36.904	ng		98
26) 2-Nitrophenol	7.71	139	233252	51.902	ng		98
27) 2,4-Dimethylphenol	7.75	122	335190	35.921	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	487795	37.733	ng		99
29) 2,4-Dichlorophenol	7.96	162	338294	37.995	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	366019	37.459	ng		99
31) Naphthalene	8.12	128	1202808	36.997	ng		100
32) Benzoic acid	7.89	122	285238	38.311	ng		97
33) 4-Chloroaniline	8.17	127	523693	37.600	ng		98
34) Hexachlorobutadiene	8.23	225	201765	37.698	ng		99
35) Caprolactam	8.55	113	122648	39.487	ng	#	86
36) 4-Chloro-3-methylphenol	8.66	107	370913	38.851	ng		97
37) 2-Methylnaphthalene	8.81	142	785193	37.338	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	340647	38.412	ng		99
40) Hexachlorocyclopentadiene	8.96	237	181115	36.480	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	239638	38.926	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	268297	38.946	ng		96
45) 1,1'-Biphenyl	9.27	154	961793	36.956	ng		100
46) 2-Chloronaphthalene	9.30	162	763962	37.164	ng		100
47) 2-Nitroaniline	9.40	65	244203	48.037	ng		98
48) Acenaphthylene	9.72	152	1192038	36.959	ng		100
49) Dimethylphthalate	9.58	163	936388	38.329	ng		99
50) 2,6-Dinitrotoluene	9.64	165	207529	45.908	ng		98
51) Acenaphthene	9.89	154	693980	35.266	ng		99
52) 3-Nitroaniline	9.82	138	242162	45.758	ng		92
53) 2,4-Dinitrophenol	9.92	184	82704	53.187	ng	#	22
54) Dibenzofuran	10.06	168	992138	36.178	ng		99
55) 4-Nitrophenol	9.97	139	180440	43.405	ng		97
56) 2,4-Dinitrotoluene	10.05	165	275815	46.515	ng		98
57) Fluorene	10.40	166	770481	38.599	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	196734	38.279	ng		95
59) Diethylphthalate	10.27	149	919254	37.782	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	351012	39.485	ng		99
61) 4-Nitroaniline	10.43	138	237606	45.918	ng		97
62) Azobenzene	10.56	77	854782	36.772	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	134660	47.757	ng		83
65) n-Nitrosodiphenylamine	10.52	169	716329	35.651	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	229528	37.237	ng		91
67) Hexachlorobenzene	10.95	284	260298	37.530	ng		93
68) Atrazine	11.05	200	226428	37.334	ng		99
69) Pentachlorophenol	11.15	266	152795	35.610	ng		96
70) Phenanthrene	11.37	178	1144094	35.452	ng		99
71) Anthracene	11.42	178	1152000	35.117	ng		100
72) Carbazole	11.58	167	1132894	35.341	ng		99
73) Di-n-butylphthalate	11.90	149	1425627	36.407	ng		99
74) Fluoranthene	12.56	202	1196123	35.475	ng		97
76) Benzidine	12.68	184	304185m	16.926	ng		
77) Pyrene	12.79	202	1222420	38.621	ng		100
79) Butylbenzylphthalate	13.40	149	604301	40.526	ng		98
80) Benzo(a)anthracene	13.98	228	989682	38.796	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	331956	34.900	ng		99
82) Chrysene	14.02	228	959078	36.602	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	804057	41.922	ng		99
84) Di-n-octyl phthalate	14.59	149	1195447	37.302	ng		96
85) Indeno(1,2,3-cd)pyrene	16.92	276	795049	35.718	ng		99
87) Benzo(b)fluoranthene	15.03	252	802596	37.770	ng		98
88) Benzo(k)fluoranthene	15.06	252	808580	40.306	ng		98
89) Benzo(a)pyrene	15.40	252	726554	38.214	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	658088	42.144	ng		98
91) Benzo(g,h,i)perylene	17.37	276	678964	44.880	ng		97

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

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