Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105187.D
Acq On : 9 May 2018 11:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
5/9/2018 6:51:22 PM

Quant Time: May 09 12:26:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 09 12:00:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	233937	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	919367	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	453431	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	870092	20.00	ng		0.00
75) Chrysene-d12	14.02	240	661471	20.00	ng		0.03
86) Perylene-d12	15.59	264	595155	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1008201	71.00	ng		0.00
7) Phenol-d6	6.42	99	1245153	73.64	ng		0.00
23) Nitrobenzene-d5	7.36	82	1092170	80.51	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	383578	76.68	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1967242	67.34	ng		0.00
78) Terphenyl-d14	12.92	244	1921609	67.48	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	251110	33.446	ng		89
3) Pyridine	3.25	79	685288	34.035	ng		87
4) n-Nitrosodimethylamine	3.21	42	354399	34.727	ng		87
6) Aniline	6.46	93	865026	35.030	ng		96
8) 2-Chlorophenol	6.58	128	546449	36.276	ng		97
9) Benzaldehyde	6.35	77	442217	34.122	ng		98
10) Phenol	6.43	94	665845	35.386	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	520591	33.569	ng		90
12) 1,3-Dichlorobenzene	6.73	146	623705	34.351	ng		99
13) 1,4-Dichlorobenzene	6.81	146	623116	34.320	ng		99
14) 1,2-Dichlorobenzene	6.96	146	574874	34.325	ng		100
15) Benzyl Alcohol	6.93	79	481524	37.210	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	961116	33.350	ng		97
17) 2-Methylphenol	7.04	107	472541	36.332	ng		98
18) Hexachloroethane	7.30	117	216472	37.051	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	394568	35.246	ng		94
20) 3+4-Methylphenols	7.20	107	550244	36.001	ng	#	87
22) Acetophenone	7.21	105	716661	33.442	ng	#	97
24) Nitrobenzene	7.38	77	589793	38.346	ng		98
25) Isophorone	7.62	82	1065768	35.130	ng		98
26) 2-Nitrophenol	7.69	139	279911	46.007	ng		97
27) 2,4-Dimethylphenol	7.73	122	501242	37.179	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	656881	35.085	ng		99
29) 2,4-Dichlorophenol	7.93	162	474908	37.653	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	513103	35.274	ng		98
31) Naphthalene	8.10	128	1513954	34.200	ng		99
32) Benzoic acid	7.83	122	178604	29.042	ng		92
33) 4-Chloroaniline	8.15	127	655834	35.628	ng		97
34) Hexachlorobutadiene	8.22	225	299399	35.529	ng		98
35) Caprolactam	8.53	113	147951m	38.625	ng		
36) 4-Chloro-3-methylphenol	8.62	107	490720	37.369	ng		97
37) 2-Methylnaphthalene	8.79	142	1067358	34.593	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	508759	35.260	ng		97
40) Hexachlorocyclopentadiene	8.94	237	315852	40.483	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	338479	38.449	ng		96
43) 2,4,5-Trichlorophenol	9.10	196	352983	38.374	ng		94
45) 1,1'-Biphenyl	9.25	154	1268850	34.345	ng		100
46) 2-Chloronaphthalene	9.28	162	963917	34.910	ng		95
47) 2-Nitroaniline	9.37	65	318792	41.042	ng		93
48) Acenaphthylene	9.69	152	1486087	34.847	ng		98
49) Dimethylphthalate	9.56	163	1119245	36.462	ng		98
50) 2,6-Dinitrotoluene	9.62	165	265789	39.905	ng		94
51) Acenaphthene	9.86	154	932307	33.922	ng		99
52) 3-Nitroaniline	9.79	138	279804	39.882	ng		98
53) 2,4-Dinitrophenol	9.88	184	61653	35.655	ng	#	22
54) Dibenzofuran	10.04	168	1386347	34.484	ng		98
55) 4-Nitrophenol	9.93	139	214709	36.478	ng		91
56) 2,4-Dinitrotoluene	10.02	165	345849	39.726	ng		96
57) Fluorene	10.38	166	984138	33.379	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	301912	36.771	ng	#	88
59) Diethylphthalate	10.26	149	1106223	36.669	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	479040	34.903	ng		89
61) 4-Nitroaniline	10.40	138	281014	40.253	ng		98
62) Azobenzene	10.53	77	1068416	33.951	ng		93
64) 4,6-Dinitro-2-methylphenol	10.42	198	110724	38.097	ng		87
65) n-Nitrosodiphenylamine	10.49	169	946510	34.897	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	329224	35.478	ng	#	88
67) Hexachlorobenzene	10.92	284	380638	35.599	ng	#	89
68) Atrazine	11.02	200	314981	37.054	ng		97
69) Pentachlorophenol	11.12	266	197150	33.197	ng		99
70) Phenanthrene	11.34	178	1547692	33.739	ng		99
71) Anthracene	11.39	178	1594379	34.207	ng		100
72) Carbazole	11.55	167	1449559	34.513	ng		98
73) Di-n-butylphthalate	11.88	149	1644805	36.614	ng		99
74) Fluoranthene	12.53	202	1650130	34.523	ng		96
76) Benzidine	12.66	184	858227	34.745	ng		98
77) Pyrene	12.76	202	1683879	34.999	ng		99
79) Butylbenzylphthalate	13.40	149	682216	40.495	ng		98
80) Benzo(a)anthracene	14.01	228	1358585	33.866	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	561729	37.246	ng	#	98
82) Chrysene	14.06	228	1409461	34.116	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	809356	40.688	ng		99
84) Di-n-octyl phthalate	14.71	149	1471773	39.574	ng		98
85) Indeno(1,2,3-cd)pyrene	17.03	276	1181920	36.101	ng	#	93
87) Benzo(b)fluoranthene	15.16	252	1378124	37.850	ng		97
88) Benzo(k)fluoranthene	15.19	252	1211824m	34.323	ng		
89) Benzo(a)pyrene	15.52	252	1201718	36.289	ng		98
90) Dibenzo(a,h)anthracene	17.06	278	971302	37.764	ng		96
91) Benzo(g,h,i)perylene	17.47	276	976849	38.821	ng		93

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

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