Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112663.D
Acq On : 22 Feb 2019 13:46
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
2/25/2019 9:20:54 AM

Quant Time: Feb 22 14:30:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	103295	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	411105	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	208378	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	392408	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	272298	20.00	ng		-0.03
87) Perylene-d12	15.44	264	214986	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	494233	101.63	ng		-0.03
7) Phenol-d6	6.47	99	606222	89.71	ng		-0.02
23) Nitrobenzene-d5	7.39	82	586696	82.23	ng		-0.02
42) 2,4,6-Tribromophenol	10.65	330	197708	81.51	ng		-0.03
45) 2-Fluorobiphenyl	9.17	172	1181635	80.20	ng		-0.04
79) Terphenyl-d14	12.92	244	1259257	87.10	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	95414	49.252	ng		93
3) Pyridine	3.32	79	242405	49.190	ng		98
4) n-Nitrosodimethylamine	3.29	42	109674	52.973	ng	#	84
6) Aniline	6.48	93	360491	44.845	ng	#	68
8) 2-Chlorophenol	6.61	128	280555	42.885	ng		95
9) Benzaldehyde	6.37	77	142512	40.349	ng		98
10) Phenol	6.49	94	327944	44.235	ng		85
11) bis(2-Chloroethyl)ether	6.55	93	240907	41.274	ng		97
12) 1,3-Dichlorobenzene	6.76	146	307822	40.402	ng		98
13) 1,4-Dichlorobenzene	6.83	146	321858	41.047	ng		99
14) 1,2-Dichlorobenzene	6.99	146	301408	41.056	ng		95
15) Benzyl Alcohol	6.97	79	237471	41.688	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	290316	38.739	ng	#	14
17) 2-Methylphenol	7.09	107	207705	40.051	ng	#	85
18) Hexachloroethane	7.32	117	116558	42.331	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	202373	43.432	ng		100
20) 3+4-Methylphenols	7.24	107	289782	43.696	ng	#	78
22) Acetophenone	7.23	105	413798	41.337	ng		95
24) Nitrobenzene	7.40	77	286771	40.245	ng		100
25) Isophorone	7.64	82	458739	40.985	ng		99
26) 2-Nitrophenol	7.72	139	157833	41.448	ng	#	92
27) 2,4-Dimethylphenol	7.76	122	210542	40.130	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	307985	40.411	ng		99
29) 2,4-Dichlorophenol	7.97	162	237850	40.511	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	265070	39.276	ng		97
31) Naphthalene	8.12	128	762526	39.663	ng		98
32) Benzoic acid	7.93	122	125436	41.914	ng		96
33) 4-Chloroaniline	8.17	127	339242	40.526	ng		97
34) Hexachlorobutadiene	8.23	225	154935	39.122	ng		97
35) Caprolactam	8.56	113	82985m	40.066	ng		
36) 4-Chloro-3-methylphenol	8.67	107	260453	41.904	ng		97
37) 2-Methylnaphthalene	8.81	142	523975	39.812	ng		96
38) 1-Methylnaphthalene	8.91	142	505766	40.093	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	259448	37.921	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	76095	35.364	ng		96
43) 2,4,6-Trichlorophenol	9.10	196	162790	38.600	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	167211	37.936	ng		95
46) 1,1'-Biphenyl	9.27	154	718990	39.468	ng		99
47) 2-Chloronaphthalene	9.30	162	551877	39.066	ng		96
48) 2-Nitroaniline	9.41	65	162336	42.161	ng		93
49) Acenaphthylene	9.72	152	807693	39.008	ng		98
50) Dimethylphthalate	9.57	163	623859	38.534	ng		99
51) 2,6-Dinitrotoluene	9.65	165	143858	39.675	ng		93
52) Acenaphthene	9.89	154	494055	39.943	ng		99
53) 3-Nitroaniline	9.82	138	161704	41.165	ng		91
54) 2,4-Dinitrophenol	9.95	184	43712	37.564	ng		85
55) Dibenzofuran	10.06	168	753202	39.848	ng		91
56) 4-Nitrophenol	10.02	139	84207	40.546	ng		92
57) 2,4-Dinitrotoluene	10.06	165	187939	40.714	ng	#	71
58) Fluorene	10.40	166	571404	40.397	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	135966m	40.820	ng		
60) Diethylphthalate	10.27	149	635325	39.543	ng		97
61) 4-Chlorophenyl-phenylether	10.39	204	300014	38.992	ng	#	88
62) 4-Nitroaniline	10.45	138	146775	38.093	ng		89
63) Azobenzene	10.55	77	589314	41.706	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	82247	37.384	ng		86
66) n-Nitrosodiphenylamine	10.51	169	544140	41.144	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	182588	39.562	ng		93
68) Hexachlorobenzene	10.96	284	197508	39.887	ng	#	91
69) Atrazine	11.03	200	136983	32.100	ng		95
70) Pentachlorophenol	11.16	266	72480	37.618	ng		95
71) Phenanthrene	11.36	178	815769	39.987	ng		99
72) Anthracene	11.42	178	831134	40.899	ng		99
73) Carbazole	11.57	167	819336	40.873	ng		98
74) Di-n-butylphthalate	11.89	149	987101	39.672	ng		99
75) Fluoranthene	12.56	202	817658	37.368	ng		96
77) Benzidine	12.67	184	298954	39.889	ng		96
78) Pyrene	12.79	202	839564	44.534	ng		99
80) Butylbenzylphthalate	13.38	149	377230	41.358	ng		95
81) Benzo(a)anthracene	13.97	228	642877	40.162	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	232954	38.887	ng		99
83) Chrysene	14.01	228	600314	39.289	ng		97
84) Bis(2-ethylhexyl)phthalate	13.93	149	483960	37.379	ng		97
85) Di-n-octyl phthalate	14.54	149	694913	34.885	ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	490874	40.544	ng		96
88) Benzo(b)fluoranthene	15.02	252	498267	38.754	ng		99
89) Benzo(k)fluoranthene	15.05	252	490461m	39.825	ng		
90) Benzo(a)pyrene	15.39	252	459266	39.699	ng		100
91) Dibenzo(a,h)anthracene	16.93	278	408180	43.778	ng		98
92) Benzo(g,h,i)perylene	17.38	276	408450	46.433	ng		96

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

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