Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112752.D
Acq On : 28 Feb 2019 10:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 01 04:41:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	206435	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	836024	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	391834	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	764820	20.00	ng		0.00
76) Chrysene-d12	13.88	240	488528	20.00	ng		0.00
87) Perylene-d12	15.29	264	423388	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1036358	78.09	ng		0.00
7) Phenol-d6	6.38	99	1308618	78.50	ng		0.01
23) Nitrobenzene-d5	7.31	82	1140516	81.63	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	362800	87.22	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1968808	86.45	ng		0.00
79) Terphenyl-d14	12.83	244	2030082	80.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	250783	37.699	ng		97
3) Pyridine	3.15	79	686583	38.578	ng		98
4) n-Nitrosodimethylamine	3.08	42	291746	37.474	ng		99
6) Aniline	6.40	93	885960	38.609	ng		100
8) 2-Chlorophenol	6.53	128	595107	40.284	ng		98
9) Benzaldehyde	6.29	77	460549	38.342	ng		96
10) Phenol	6.39	94	761989	39.170	ng		95
11) bis(2-Chloroethyl)ether	6.48	93	574016	38.444	ng		98
12) 1,3-Dichlorobenzene	6.69	146	612971	40.167	ng		99
13) 1,4-Dichlorobenzene	6.76	146	614006	40.120	ng		99
14) 1,2-Dichlorobenzene	6.92	146	564517	40.237	ng		98
15) Benzyl Alcohol	6.89	79	511566	40.243	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	935873	37.558	ng		98
17) 2-Methylphenol	7.00	107	474594	39.601	ng		97
18) Hexachloroethane	7.26	117	234602	40.018	ng		95
19) n-Nitroso-di-n-propylamine	7.16	70	401666	38.044	ng		99
20) 3+4-Methylphenols	7.16	107	541272	40.004	ng	#	89
22) Acetophenone	7.16	105	784071	40.109	ng	#	99
24) Nitrobenzene	7.33	77	622335	40.021	ng		97
25) Isophorone	7.57	82	1138778	37.834	ng		99
26) 2-Nitrophenol	7.64	139	304513	47.042	ng		95
27) 2,4-Dimethylphenol	7.68	122	464855	38.600	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	718155	38.162	ng		99
29) 2,4-Dichlorophenol	7.89	162	473925	40.581	ng		95
30) 1,2,4-Trichlorobenzene	7.97	180	505800	40.308	ng		99
31) Naphthalene	8.05	128	1606495	38.705	ng		100
32) Benzoic acid	7.80	122	379569	44.969	ng		92
33) 4-Chloroaniline	8.09	127	706114	40.165	ng		97
34) Hexachlorobutadiene	8.17	225	292467	41.327	ng		98
35) Caprolactam	8.47	113	166001	40.358	ng		95
36) 4-Chloro-3-methylphenol	8.58	107	511882	39.606	ng		94
37) 2-Methylnaphthalene	8.74	142	1056068	39.399	ng		100
38) 1-Methylnaphthalene	8.84	142	1026143	39.520	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	475068	41.577	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	270644	43.254	ng		98
43) 2,4,6-Trichlorophenol	9.02	196	330034	41.968	ng		100
44) 2,4,5-Trichlorophenol	9.05	196	352478	41.468	ng		97
46) 1,1'-Biphenyl	9.20	154	1301529	40.723	ng		99
47) 2-Chloronaphthalene	9.23	162	993950	39.829	ng		98
48) 2-Nitroaniline	9.32	65	326630	43.060	ng		97
49) Acenaphthylene	9.64	152	1647126	38.878	ng		100
50) Dimethylphthalate	9.50	163	1137675	39.377	ng		100
51) 2,6-Dinitrotoluene	9.56	165	262605	43.648	ng		94
52) Acenaphthene	9.81	154	991571	40.022	ng		99
53) 3-Nitroaniline	9.73	138	310929	42.412	ng		100
54) 2,4-Dinitrophenol	9.83	184	107890	46.757	ng	#	91
55) Dibenzofuran	9.98	168	1411070	39.187	ng		98
56) 4-Nitrophenol	9.88	139	251969	42.290	ng		96
57) 2,4-Dinitrotoluene	9.96	165	338143	45.215	ng	#	81
58) Fluorene	10.32	166	1016256	39.764	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	302435	42.707	ng		97
60) Diethylphthalate	10.20	149	1168076	38.280	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	485843	40.859	ng		98
62) 4-Nitroaniline	10.33	138	287988	42.511	ng		99
63) Azobenzene	10.47	77	1166214	37.313	ng		97
65) 4,6-Dinitro-2-methylphenol	10.37	198	138643	44.491	ng		83
66) n-Nitrosodiphenylamine	10.43	169	960044	39.140	ng		99
67) 4-Bromophenyl-phenylether	10.80	248	334538	41.527	ng		96
68) Hexachlorobenzene	10.87	284	376698	41.482	ng	#	91
69) Atrazine	10.96	200	302249	40.234	ng		98
70) Pentachlorophenol	11.06	266	229819	42.998	ng		97
71) Phenanthrene	11.28	178	1546592	40.643	ng		99
72) Anthracene	11.33	178	1551402	38.948	ng		100
73) Carbazole	11.48	167	1508647	38.825	ng		99
74) Di-n-butylphthalate	11.82	149	1768516	37.957	ng		99
75) Fluoranthene	12.46	202	1629600	39.971	ng		97
77) Benzidine	12.58	184	1018965	40.203	ng		99
78) Pyrene	12.69	202	1657920	40.256	ng		99
80) Butylbenzylphthalate	13.31	149	727609	40.025	ng		95
81) Benzo(a)anthracene	13.87	228	1281936	37.862	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	524915	40.992	ng		100
83) Chrysene	13.91	228	1273753	38.406	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	809422	37.960	ng		99
85) Di-n-octyl phthalate	14.48	149	1345963	36.761	ng		98
86) Indeno(1,2,3-cd)pyrene	16.64	276	1041457	36.834	ng		97
88) Benzo(b)fluoranthene	14.89	252	1181964	43.160	ng		99
89) Benzo(k)fluoranthene	14.92	252	916952	36.965	ng		98
90) Benzo(a)pyrene	15.23	252	974809	40.243	ng		99
91) Dibenzo(a,h)anthracene	16.66	278	841780	40.724	ng		99
92) Benzo(g,h,i)perylene	17.06	276	846449	40.782	ng		98

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

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