Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF112999.D
Acq On : 12 Mar 2019 13:27
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 13 03:53:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	239252	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	943059	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	450951	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	849992	20.00	ng		0.00
76) Chrysene-d12	13.87	240	478235	20.00	ng		0.00
87) Perylene-d12	15.27	264	445966	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1083518	70.45	ng		0.00
7) Phenol-d6	6.37	99	1401134	72.52	ng		0.00
23) Nitrobenzene-d5	7.30	82	1304107	82.75	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	416294	86.96	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	2154824	77.30	ng		0.00
79) Terphenyl-d14	12.82	244	2086409	84.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	276815	35.904	ng		95
3) Pyridine	3.15	79	735178	35.642	ng		98
4) n-Nitrosodimethylamine	3.09	42	306364	33.954	ng		93
6) Aniline	6.40	93	918421	34.534	ng		98
8) 2-Chlorophenol	6.52	128	641180	37.449	ng		95
9) Benzaldehyde	6.28	77	492777	35.397	ng		99
10) Phenol	6.39	94	795013	35.262	ng	#	73
11) bis(2-Chloroethyl)ether	6.47	93	625306	36.134	ng		98
12) 1,3-Dichlorobenzene	6.67	146	680077	38.451	ng		97
13) 1,4-Dichlorobenzene	6.75	146	684503	38.591	ng		98
14) 1,2-Dichlorobenzene	6.90	146	627916	38.617	ng		99
15) Benzyl Alcohol	6.88	79	538019	36.519	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1012509	35.060	ng		97
17) 2-Methylphenol	7.00	107	523968	37.723	ng		99
18) Hexachloroethane	7.25	117	256458	37.745	ng		96
19) n-Nitroso-di-n-propylamine	7.16	70	429153	35.072	ng		97
20) 3+4-Methylphenols	7.15	107	581027	37.052	ng		91
22) Acetophenone	7.15	105	874002	39.635	ng		96
24) Nitrobenzene	7.32	77	691410	39.416	ng		99
25) Isophorone	7.56	82	1261181	37.145	ng		99
26) 2-Nitrophenol	7.63	139	366715	50.221	ng		99
27) 2,4-Dimethylphenol	7.67	122	518343	38.157	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	798135	37.598	ng		99
29) 2,4-Dichlorophenol	7.88	162	549642	41.723	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	583080	41.193	ng		99
31) Naphthalene	8.04	128	1795264	38.343	ng		99
32) Benzoic acid	7.81	122	325477	34.184	ng		93
33) 4-Chloroaniline	8.09	127	782554	39.461	ng		99
34) Hexachlorobutadiene	8.16	225	347310	43.507	ng		99
35) Caprolactam	8.47	113	178110	38.387	ng		95
36) 4-Chloro-3-methylphenol	8.57	107	562547	38.586	ng		97
37) 2-Methylnaphthalene	8.73	142	1181749	39.084	ng		100
38) 1-Methylnaphthalene	8.83	142	1127209	38.485	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	557455	42.391	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	281518	39.094	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	375851	41.529	ng		98
44) 2,4,5-Trichlorophenol	9.05	196	401185	41.011	ng		97
46) 1,1'-Biphenyl	9.19	154	1443792	39.253	ng		99
47) 2-Chloronaphthalene	9.22	162	1096186	38.167	ng		99
48) 2-Nitroaniline	9.31	65	366892	42.027	ng		98
49) Acenaphthylene	9.63	152	1797307	36.862	ng		99
50) Dimethylphthalate	9.50	163	1283990	38.615	ng		99
51) 2,6-Dinitrotoluene	9.55	165	296307	42.793	ng		88
52) Acenaphthene	9.80	154	1024487	35.930	ng		98
53) 3-Nitroaniline	9.72	138	339150	40.197	ng		96
54) 2,4-Dinitrophenol	9.83	184	134059	49.967	ng		100
55) Dibenzofuran	9.97	168	1529765	36.914	ng		96
56) 4-Nitrophenol	9.89	139	266434	38.855	ng		90
57) 2,4-Dinitrotoluene	9.96	165	379957	44.145	ng	#	85
58) Fluorene	10.32	166	1107390	37.650	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	346769	42.548	ng		93
60) Diethylphthalate	10.19	149	1240675	35.329	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	547892	40.036	ng		95
62) 4-Nitroaniline	10.33	138	336941	43.217	ng		97
63) Azobenzene	10.46	77	1223563	34.016	ng		98
65) 4,6-Dinitro-2-methylphenol	10.36	198	167414	47.941	ng		85
66) n-Nitrosodiphenylamine	10.42	169	1033244	37.903	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	375498	41.941	ng		95
68) Hexachlorobenzene	10.86	284	427975	42.406	ng	#	92
69) Atrazine	10.95	200	325404	38.976	ng		99
70) Pentachlorophenol	11.06	266	261561	44.033	ng		99
71) Phenanthrene	11.27	178	1646962	38.944	ng		100
72) Anthracene	11.32	178	1677115	37.885	ng		100
73) Carbazole	11.47	167	1588992	36.795	ng		99
74) Di-n-butylphthalate	11.81	149	1893673	36.571	ng		99
75) Fluoranthene	12.45	202	1664286	36.732	ng		98
77) Benzidine	12.57	184	1005558	40.528	ng		99
78) Pyrene	12.67	202	1678332	41.629	ng		99
80) Butylbenzylphthalate	13.30	149	689967	38.771	ng		91
81) Benzo(a)anthracene	13.86	228	1119427	33.774	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	448061	35.743	ng		98
83) Chrysene	13.90	228	1174568	36.178	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	758274	36.327	ng		99
85) Di-n-octyl phthalate	14.46	149	1237153	34.516	ng		96
86) Indeno(1,2,3-cd)pyrene	16.64	276	1210269	43.726	ng		95
88) Benzo(b)fluoranthene	14.87	252	1003784	34.798	ng		98
89) Benzo(k)fluoranthene	14.90	252	980847	37.539	ng		97
90) Benzo(a)pyrene	15.22	252	954297	37.401	ng		98
91) Dibenzo(a,h)anthracene	16.65	278	1000489	45.952	ng		98
92) Benzo(g,h,i)perylene	17.04	276	1012340	46.305	ng		97

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

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