Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117800.D
Acq On : 15 Nov 2019 12:06
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Nov 15 16:43:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	298319	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	1128832	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	594439	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	1103371	20.00	ng		0.00
76) Chrysene-d12	14.12	240	715939	20.00	ng		0.00
87) Perylene-d12	15.63	264	627461	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1299060	77.08	ng		0.00
7) Phenol-d6	6.55	99	1575041	77.48	ng		0.00
23) Nitrobenzene-d5	7.49	82	1512533	79.65	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	494954	78.65	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2750009	83.00	ng		0.00
79) Terphenyl-d14	13.06	244	2922791	74.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	317378	40.288	ng		100
3) Pyridine	3.49	79	838395	40.571	ng		99
4) n-Nitrosodimethylamine	3.45	42	362695	40.207	ng		100
6) Aniline	6.59	93	1067204	39.729	ng		99
8) 2-Chlorophenol	6.71	128	724444	39.615	ng		99
9) Benzaldehyde	6.47	77	512050	38.532	ng		99
10) Phenol	6.56	94	835497	39.553	ng		99
11) bis(2-Chloroethyl)ether	6.66	93	671436	39.583	ng		100
12) 1,3-Dichlorobenzene	6.87	146	858797	39.889	ng		99
13) 1,4-Dichlorobenzene	6.95	146	862814	39.648	ng		100
14) 1,2-Dichlorobenzene	7.10	146	804609	38.659	ng		99
15) Benzyl Alcohol	7.06	79	634297	40.417	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1026718	39.313	ng		100
17) 2-Methylphenol	7.17	107	620418	40.062	ng		99
18) Hexachloroethane	7.45	117	315815	39.505	ng		95
19) n-Nitroso-di-n-propylamine	7.34	70	496812	39.616	ng		99
20) 3+4-Methylphenols	7.33	107	745079	38.758	ng	#	85
22) Acetophenone	7.34	105	1005730	39.656	ng	#	96
24) Nitrobenzene	7.51	77	783529	39.997	ng		98
25) Isophorone	7.75	82	1360833	39.099	ng		98
26) 2-Nitrophenol	7.83	139	393785	41.299	ng		99
27) 2,4-Dimethylphenol	7.86	122	592745	40.006	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	864600	39.147	ng		100
29) 2,4-Dichlorophenol	8.06	162	633789	39.436	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	733286	39.336	ng		97
31) Naphthalene	8.24	128	2090467	39.724	ng		100
32) Benzoic acid	7.97	122	489618	39.467	ng		98
33) 4-Chloroaniline	8.28	127	936957	39.770	ng		99
34) Hexachlorobutadiene	8.36	225	431332	39.575	ng		99
35) Caprolactam	8.65	113	204279	39.994	ng		99
36) 4-Chloro-3-methylphenol	8.76	107	646750	39.653	ng		97
37) 2-Methylnaphthalene	8.93	142	1411768	39.704	ng		99
38) 1-Methylnaphthalene	9.03	142	1326846	39.471	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	682897	39.558	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	367612	37.999	ng		99
43) 2,4,6-Trichlorophenol	9.20	196	481546	38.945	ng		97
44) 2,4,5-Trichlorophenol	9.24	196	493984	38.478	ng		98
46) 1,1'-Biphenyl	9.40	154	1731883	39.270	ng		99
47) 2-Chloronaphthalene	9.42	162	1425368	39.287	ng		99
48) 2-Nitroaniline	9.52	65	438371	40.022	ng		90
49) Acenaphthylene	9.84	152	2089602	39.505	ng		99
50) Dimethylphthalate	9.70	163	1605892	38.525	ng		99
51) 2,6-Dinitrotoluene	9.76	165	371895	40.821	ng		88
52) Acenaphthene	10.01	154	1328534	39.208	ng		99
53) 3-Nitroaniline	9.93	138	432594	39.683	ng		96
54) 2,4-Dinitrophenol	10.03	184	167288	39.735	ng		91
55) Dibenzofuran	10.19	168	1840214	39.219	ng		99
56) 4-Nitrophenol	10.07	139	325542	40.008	ng		95
57) 2,4-Dinitrotoluene	10.16	165	480479	41.460	ng		98
58) Fluorene	10.53	166	1387889	38.170	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	411643	39.024	ng		99
60) Diethylphthalate	10.40	149	1591829	39.169	ng		98
61) 4-Chlorophenyl-phenylether	10.52	204	727620	39.432	ng		97
62) 4-Nitroaniline	10.54	138	437734	40.104	ng		99
63) Azobenzene	10.68	77	1436206	38.845	ng		96
65) 4,6-Dinitro-2-methylphenol	10.57	198	214962	41.733	ng		91
66) n-Nitrosodiphenylamine	10.64	169	1273856	39.670	ng		99
67) 4-Bromophenyl-phenylether	11.01	248	472642	39.700	ng		96
68) Hexachlorobenzene	11.08	284	554467	39.941	ng	#	92
69) Atrazine	11.16	200	397167	37.600	ng		99
70) Pentachlorophenol	11.27	266	322419	39.754	ng		98
71) Phenanthrene	11.49	178	2134381	38.475	ng		99
72) Anthracene	11.55	178	2139890	38.906	ng		99
73) Carbazole	11.70	167	1916739	39.880	ng		99
74) Di-n-butylphthalate	12.03	149	2312706	38.647	ng		99
75) Fluoranthene	12.69	202	2144380	41.937	ng		98
77) Benzidine	12.80	184	885013	37.739	ng		98
78) Pyrene	12.92	202	2180305	37.683	ng		99
80) Butylbenzylphthalate	13.53	149	953550	38.372	ng		97
81) Benzo(a)anthracene	14.11	228	1824971	38.575	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	654435	39.546	ng		98
83) Chrysene	14.14	228	1751093	38.197	ng		100
84) Bis(2-ethylhexyl)phthalate	14.09	149	1176023	39.035	ng		100
85) Di-n-octyl phthalate	14.71	149	1758389	39.729	ng		99
86) Indeno(1,2,3-cd)pyrene	17.16	276	1417670	36.334	ng		100
88) Benzo(b)fluoranthene	15.18	252	1529445	37.517	ng		100
89) Benzo(k)fluoranthene	15.21	252	1527231	39.760	ng		97
90) Benzo(a)pyrene	15.56	252	1366129	38.109	ng		99
91) Dibenzo(a,h)anthracene	17.18	278	1154451	37.416	ng		99
92) Benzo(g,h,i)perylene	17.63	276	1138530	37.047	ng		99

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

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