Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112219\
Data File : BF117925.D
Acq On : 22 Nov 2019 18:32
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 22 22:19:24 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	6.90	152	214751	20.00	ng		-0.02
21) Naphthalene-d8	8.20	136	827041	20.00	ng		-0.02
39) Acenaphthene-d10	9.96	164	437625	20.00	ng		-0.02
64) Phenanthrene-d10	11.45	188	958342	20.00	ng		-0.02
76) Chrysene-d12	14.10	240	678863	20.00	ng		-0.01
87) Perylene-d12	15.60	264	642479	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	909130	74.94	ng		-0.02
7) Phenol-d6	6.53	99	1122568	76.71	ng		-0.01
23) Nitrobenzene-d5	7.47	82	1119717	80.48	ng		-0.02
42) 2,4,6-Tribromophenol	10.75	330	390383	84.26	ng		-0.02
45) 2-Fluorobiphenyl	9.27	172	2086693	85.54	ng		-0.02
79) Terphenyl-d14	13.04	244	2595594	69.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	285243	50.299	ng		97
3) Pyridine	3.46	79	621402	41.772	ng		97
4) n-Nitrosodimethylamine	3.41	42	269167	41.451	ng		97
6) Aniline	6.57	93	754690	39.028	ng		99
8) 2-Chlorophenol	6.69	128	519648	39.474	ng		98
9) Benzaldehyde	6.46	77	345288	35.233	ng		98
10) Phenol	6.55	94	641502	42.187	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	475549	38.944	ng		98
12) 1,3-Dichlorobenzene	6.85	146	624542	40.297	ng		97
13) 1,4-Dichlorobenzene	6.92	146	631011	40.280	ng		98
14) 1,2-Dichlorobenzene	7.08	146	592469	39.544	ng		99
15) Benzyl Alcohol	7.05	79	468864	41.501	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	669653	35.619	ng		98
17) 2-Methylphenol	7.16	107	437083	39.206	ng		100
18) Hexachloroethane	7.42	117	229034	39.798	ng		93
19) n-Nitroso-di-n-propylamine	7.32	70	364855	40.416	ng		98
20) 3+4-Methylphenols	7.31	107	536037	38.735	ng	#	88
22) Acetophenone	7.32	105	739504	39.799	ng	#	95
24) Nitrobenzene	7.49	77	561123	39.096	ng		99
25) Isophorone	7.73	82	979107	38.397	ng		99
26) 2-Nitrophenol	7.81	139	294502	42.157	ng		99
27) 2,4-Dimethylphenol	7.84	122	400201	36.867	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	623213	38.514	ng		99
29) 2,4-Dichlorophenol	8.05	162	457278	38.836	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	534940	39.167	ng		100
31) Naphthalene	8.22	128	1554299	40.313	ng		99
32) Benzoic acid	7.97	122	372183	40.948	ng		97
33) 4-Chloroaniline	8.26	127	666588	38.619	ng		99
34) Hexachlorobutadiene	8.33	225	326429	40.879	ng		99
35) Caprolactam	8.65	113	144361	38.577	ng		90
36) 4-Chloro-3-methylphenol	8.75	107	475298	39.775	ng		98
37) 2-Methylnaphthalene	8.91	142	1053494	40.440	ng		100
38) 1-Methylnaphthalene	9.01	142	997946	40.520	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.08	216	497606	39.154	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	280944	39.446	ng		98
43) 2,4,6-Trichlorophenol	9.19	196	348228	38.254	ng		98
44) 2,4,5-Trichlorophenol	9.23	196	357316	37.806	ng		98
46) 1,1'-Biphenyl	9.38	154	1287641	39.659	ng		98
47) 2-Chloronaphthalene	9.40	162	1041266	38.985	ng		99
48) 2-Nitroaniline	9.50	65	316379	39.235	ng		91
49) Acenaphthylene	9.82	152	1546400	39.711	ng		100
50) Dimethylphthalate	9.68	163	1204074	39.236	ng		99
51) 2,6-Dinitrotoluene	9.74	165	266317	39.707	ng		95
52) Acenaphthene	9.99	154	1019398	40.865	ng		99
53) 3-Nitroaniline	9.91	138	317220	39.527	ng		100
54) 2,4-Dinitrophenol	10.02	184	142467	44.832	ng		99
55) Dibenzofuran	10.16	168	1376724	39.855	ng		98
56) 4-Nitrophenol	10.06	139	234459	39.139	ng		94
57) 2,4-Dinitrotoluene	10.15	165	359194	42.101	ng		94
58) Fluorene	10.51	166	1064196	39.755	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	301956	38.883	ng		97
60) Diethylphthalate	10.38	149	1206868	40.338	ng		98
61) 4-Chlorophenyl-phenylether	10.50	204	550328	40.511	ng		95
62) 4-Nitroaniline	10.53	138	323692	40.283	ng		98
63) Azobenzene	10.66	77	1090958	40.080	ng		94
65) 4,6-Dinitro-2-methylphenol	10.56	198	180718	40.394	ng		98
66) n-Nitrosodiphenylamine	10.62	169	959549	34.404	ng		100
67) 4-Bromophenyl-phenylether	10.99	248	399923	38.676	ng		98
68) Hexachlorobenzene	11.06	284	470649	39.034	ng	#	91
69) Atrazine	11.15	200	336239	36.649	ng		98
70) Pentachlorophenol	11.25	266	279898	39.734	ng		99
71) Phenanthrene	11.47	178	1818950	37.751	ng		100
72) Anthracene	11.53	178	1854601	38.822	ng		99
73) Carbazole	11.68	167	1638197	39.242	ng		100
74) Di-n-butylphthalate	12.01	149	2073606	39.895	ng		100
75) Fluoranthene	12.67	202	1850251	41.601	ng		98
77) Benzidine	12.79	184	794455	35.727	ng		99
78) Pyrene	12.90	202	1887693	34.408	ng		100
80) Butylbenzylphthalate	13.52	149	871468	36.984	ng		99
81) Benzo(a)anthracene	14.09	228	1706843	38.048	ng		99
82) 3,3'-Dichlorobenzidine	14.05	252	614997	39.192	ng		98
83) Chrysene	14.13	228	1614379	37.138	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	1196892	41.897	ng		99
85) Di-n-octyl phthalate	14.69	149	1939402	46.211	ng		99
86) Indeno(1,2,3-cd)pyrene	17.13	276	1306809	35.322	ng		100
88) Benzo(b)fluoranthene	15.16	252	1586916	38.017	ng		98
89) Benzo(k)fluoranthene	15.19	252	1447073	36.793	ng		98
90) Benzo(a)pyrene	15.54	252	1389973	37.868	ng		100
91) Dibenzo(a,h)anthracene	17.15	278	1089420	34.483	ng		100
92) Benzo(g,h,i)perylene	17.60	276	1004761	31.930	ng		99

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

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