Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
Data File : BF118856.D
Acq On : 7 Feb 2020 17:50
Operator : CG/JU
Sample : L1365-08MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-020520MS

Quant Time: Feb 08 03:37:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	242837	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	928853	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	512050	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	869302	20.00	ng		0.00
76) Chrysene-d12	13.97	240	596460	20.00	ng		0.00
87) Perylene-d12	15.42	264	700043	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1556189	121.31	ng		0.02
7) Phenol-d6	6.46	99	1783890	112.02	ng		0.00
23) Nitrobenzene-d5	7.38	82	1384303	88.83	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	747297	121.97	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2709692	94.60	ng		0.00
79) Terphenyl-d14	12.92	244	2748112	94.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	210288	35.969	ng	#	85
3) Pyridine	3.43	79	452983	27.903	ng		100
4) n-Nitrosodimethylamine	3.33	42	257460	43.559	ng		94
6) Aniline	6.48	93	302626	14.755	ng	#	84
8) 2-Chlorophenol	6.60	128	710657	49.735	ng		99
9) Benzaldehyde	6.36	77	236329	22.058	ng		99
10) Phenol	6.47	94	687931	38.851	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	658775	48.629	ng		99
12) 1,3-Dichlorobenzene	6.76	146	742735	43.669	ng		99
13) 1,4-Dichlorobenzene	6.83	146	751491	44.295	ng		99
14) 1,2-Dichlorobenzene	6.99	146	701339	43.275	ng		100
15) Benzyl Alcohol	6.96	79	596625	48.469	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	726832	43.812	ng		94
17) 2-Methylphenol	7.07	107	556088	46.810	ng		99
18) Hexachloroethane	7.33	117	254671	41.824	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	454510	46.646	ng		99
20) 3+4-Methylphenols	7.23	107	649408	43.612	ng	#	85
22) Acetophenone	7.23	105	904487	44.820	ng	#	99
24) Nitrobenzene	7.40	77	722496	46.410	ng		98
25) Isophorone	7.64	82	1289948	46.058	ng		99
26) 2-Nitrophenol	7.72	139	392645	47.332	ng		96
27) 2,4-Dimethylphenol	7.76	122	599179	53.172	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	799953	44.048	ng		99
29) 2,4-Dichlorophenol	7.96	162	628629	46.582	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	681234	43.188	ng		100
31) Naphthalene	8.12	128	1970469	46.384	ng		100
32) Benzoic acid	7.89	122	348637	37.368	ng		99
33) 4-Chloroaniline	8.16	127	197794	10.407	ng		100
34) Hexachlorobutadiene	8.24	225	398996	41.287	ng		99
35) Caprolactam	8.54	113	151705	34.677	ng		97
36) 4-Chloro-3-methylphenol	8.66	107	641224	47.215	ng		98
37) 2-Methylnaphthalene	8.81	142	1383418	46.954	ng		99
38) 1-Methylnaphthalene	8.91	142	1259744	45.451	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	688089	44.525	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	219024	36.144	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	472973	45.768	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	503463	47.680	ng		99
46) 1,1'-Biphenyl	9.27	154	1656294	46.761	ng		99
47) 2-Chloronaphthalene	9.30	162	1332834	45.263	ng		99
48) 2-Nitroaniline	9.39	65	389392	45.849	ng		91
49) Acenaphthylene	9.72	152	2053559	48.300	ng		100
50) Dimethylphthalate	9.58	163	1681012	48.214	ng		99
51) 2,6-Dinitrotoluene	9.64	165	375873	47.116	ng		91
52) Acenaphthene	9.89	154	1248227	44.553	ng		100
53) 3-Nitroaniline	9.80	138	136997	15.484	ng		93
54) 2,4-Dinitrophenol	9.91	184	100102	26.101	ng		98
55) Dibenzofuran	10.06	168	1831390	45.232	ng		100
56) 4-Nitrophenol	9.97	139	510948	79.795	ng		98
57) 2,4-Dinitrotoluene	10.04	165	483392	45.787	ng	#	86
58) Fluorene	10.40	166	1376420	45.187	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	421745	45.735	ng		99
60) Diethylphthalate	10.27	149	1535069	45.278	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	725580	43.923	ng		100
62) 4-Nitroaniline	10.42	138	299875	33.846	ng		95
63) Azobenzene	10.55	77	1332136	46.024	ng		100
65) 4,6-Dinitro-2-methylphenol	10.45	198	97725	20.006	ng		96
66) n-Nitrosodiphenylamine	10.51	169	1308735	51.974	ng		100
67) 4-Bromophenyl-phenylether	10.88	248	485846	47.245	ng		99
68) Hexachlorobenzene	10.96	284	531435	45.055	ng		93
69) Atrazine	11.04	200	438599	52.283	ng		100
70) Pentachlorophenol	11.15	266	530572	85.191	ng		100
71) Phenanthrene	11.36	178	1955471	45.720	ng		99
72) Anthracene	11.42	178	2027574	47.652	ng		99
73) Carbazole	11.57	167	1752865	46.941	ng		99
74) Di-n-butylphthalate	11.90	149	2128146	44.738	ng		100
75) Fluoranthene	12.55	202	1909834	40.897	ng		99
77) Benzidine	12.67	184	985545	54.630	ng		98
78) Pyrene	12.78	202	1887447	46.127	ng		98
80) Butylbenzylphthalate	13.39	149	807641	43.244	ng		97
81) Benzo(a)anthracene	13.97	228	1731237	48.777	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	693366	47.764	ng		99
83) Chrysene	14.00	228	1684266	47.281	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1024655	43.243	ng		99
85) Di-n-octyl phthalate	14.56	149	1728451	42.580	ng		99
86) Indeno(1,2,3-cd)pyrene	16.87	276	1702261	47.561	ng		100
88) Benzo(b)fluoranthene	15.01	252	2002197	46.092	ng		98
89) Benzo(k)fluoranthene	15.03	252	1688710	44.643	ng		98
90) Benzo(a)pyrene	15.36	252	1695740	45.615	ng		100
91) Dibenzo(a,h)anthracene	16.88	278	1454159	44.063	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1310788	41.300	ng		99

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

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