Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118585.D
Acq On : 20 Jan 2020 12:04
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Jan 20 13:01:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 12:07:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	472026	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1698080	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	957358	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	1705812	20.00	ng		0.00
76) Chrysene-d12	14.04	240	1255417	20.00	ng		0.00
87) Perylene-d12	15.52	264	1007819	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2540438	99.44	ng		0.00
7) Phenol-d6	6.51	99	3329296	99.46	ng		0.00
23) Nitrobenzene-d5	7.45	82	3090706	112.41	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	1119999	105.83	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	5125698	96.66	ng		0.00
79) Terphenyl-d14	13.00	244	5621386	88.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	615499	50.143	ng		100
3) Pyridine	3.43	79	1753471	51.724	ng		99
4) n-Nitrosodimethylamine	3.37	42	755915	48.615	ng		97
6) Aniline	6.55	93	2217496	50.612	ng		100
8) 2-Chlorophenol	6.67	128	1445564	49.754	ng		98
9) Benzaldehyde	6.43	77	947936	55.320	ng		99
10) Phenol	6.52	94	1906122	51.902	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	1396821	47.487	ng		98
12) 1,3-Dichlorobenzene	6.83	146	1683676	48.731	ng		100
13) 1,4-Dichlorobenzene	6.90	146	1679594	48.390	ng		99
14) 1,2-Dichlorobenzene	7.06	146	1597959	49.206	ng		99
15) Benzyl Alcohol	7.02	79	1334812	48.590	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1959306	45.406	ng		99
17) 2-Methylphenol	7.13	107	1200682	48.686	ng		99
18) Hexachloroethane	7.40	117	615029	48.623	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	1120967	46.698	ng		99
20) 3+4-Methylphenols	7.29	107	1481519	50.236	ng	#	88
22) Acetophenone	7.29	105	2048715	49.717	ng	#	95
24) Nitrobenzene	7.47	77	1582542	54.125	ng		95
25) Isophorone	7.71	82	2787711	46.718	ng		99
26) 2-Nitrophenol	7.78	139	694825	60.146	ng		98
27) 2,4-Dimethylphenol	7.82	122	1171300	49.356	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	1787641	46.627	ng		98
29) 2,4-Dichlorophenol	8.02	162	1298596	49.713	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	1495844	49.137	ng		99
31) Naphthalene	8.19	128	3858313	48.180	ng		98
32) Benzoic acid	7.95	122	913872	62.679	ng		98
33) 4-Chloroaniline	8.23	127	1823762	49.014	ng		98
34) Hexachlorobutadiene	8.32	225	912450	48.054	ng		99
35) Caprolactam	8.62	113	409587	50.402	ng		95
36) 4-Chloro-3-methylphenol	8.71	107	1271952	49.119	ng		98
37) 2-Methylnaphthalene	8.88	142	2727456	48.074	ng		98
38) 1-Methylnaphthalene	8.98	142	2613408	48.691	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1530816	49.575	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	790548	49.000	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	1007425	51.206	ng		100
44) 2,4,5-Trichlorophenol	9.19	196	1036977	52.133	ng		98
46) 1,1'-Biphenyl	9.35	154	3304963	48.313	ng		98
47) 2-Chloronaphthalene	9.37	162	2796579	48.503	ng		99
48) 2-Nitroaniline	9.46	65	874492	58.315	ng		98
49) Acenaphthylene	9.79	152	3912900	48.065	ng		98
50) Dimethylphthalate	9.65	163	3098284	47.135	ng		99
51) 2,6-Dinitrotoluene	9.70	165	703243	56.073	ng		92
52) Acenaphthene	9.96	154	2636978	49.445	ng		99
53) 3-Nitroaniline	9.87	138	803667	56.566	ng		96
54) 2,4-Dinitrophenol	9.97	184	297671	70.580	ng	#	38
55) Dibenzofuran	10.13	168	3592357	47.599	ng		99
56) 4-Nitrophenol	10.02	139	610214	58.143	ng		94
57) 2,4-Dinitrotoluene	10.10	165	900310	59.074	ng		92
58) Fluorene	10.47	166	2836037	48.526	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	914372	53.734	ng		100
60) Diethylphthalate	10.35	149	3031870	47.246	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	1555681	48.656	ng		98
62) 4-Nitroaniline	10.49	138	833353	59.058	ng		98
63) Azobenzene	10.63	77	2922400	46.726	ng		93
65) 4,6-Dinitro-2-methylphenol	10.52	198	395978	64.856	ng		92
66) n-Nitrosodiphenylamine	10.58	169	2634291	48.062	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	1078961	47.252	ng		99
68) Hexachlorobenzene	11.03	284	1227224	48.499	ng	#	91
69) Atrazine	11.11	200	905127	57.225	ng		99
70) Pentachlorophenol	11.21	266	696959	56.044	ng		99
71) Phenanthrene	11.43	178	4099388	47.810	ng		98
72) Anthracene	11.49	178	4083400	47.733	ng		97
73) Carbazole	11.63	167	3747909	48.578	ng		98
74) Di-n-butylphthalate	11.97	149	4081808	42.573	ng		99
75) Fluoranthene	12.62	202	4335975	47.024	ng		97
77) Benzidine	12.73	184	1665324	54.597	ng		98
78) Pyrene	12.85	202	4440173	47.387	ng		98
80) Butylbenzylphthalate	13.47	149	1795840	44.712	ng		99
81) Benzo(a)anthracene	14.04	228	3834975	48.396	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	1385998	49.853	ng		99
83) Chrysene	14.07	228	3636628	47.711	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	2133229	42.790	ng		99
85) Di-n-octyl phthalate	14.64	149	3122951	40.907	ng		100
86) Indeno(1,2,3-cd)pyrene	17.00	276	3092932	41.235	ng		100
88) Benzo(b)fluoranthene	15.09	252	3327414	50.692	ng		100
89) Benzo(k)fluoranthene	15.12	252	2991172	50.422	ng		98
90) Benzo(a)pyrene	15.46	252	2800676	49.036	ng		100
91) Dibenzo(a,h)anthracene	17.02	278	2527954	47.389	ng		98
92) Benzo(g,h,i)perylene	17.44	276	2460441	47.750	ng		100

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

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