Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
Data File : BF118794.D
Acq On : 3 Feb 2020 12:44
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Feb 03 14:12:27 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 14:01:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	304500	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1103605	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	621994	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1167102	20.00	ng	0.00
76) Chrysene-d12	13.99	240	912104	20.00	ng	0.00
87) Perylene-d12	15.43	264	965349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1609889	98.19	ng	0.00
7) Phenol-d6	6.46	99	2006977	94.18	ng	0.00
23) Nitrobenzene-d5	7.39	82	1864203	94.48	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	753743	104.77	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3427469	90.57	ng	0.00
79) Terphenyl-d14	12.93	244	4180368	99.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.55	88	374355	47.142	ng	100
3) Pyridine	3.29	79	1033967	46.197	ng	99
4) n-Nitrosodimethylamine	3.24	42	382288	39.840	ng	97
6) Aniline	6.48	93	1313979	46.828	ng	99
8) 2-Chlorophenol	6.60	128	910657	49.486	ng	98
9) Benzaldehyde	6.36	77	508055	39.203	ng	100
10) Phenol	6.47	94	1113981	45.872	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	863565	47.929	ng	99
12) 1,3-Dichlorobenzene	6.76	146	1077152	50.009	ng	97
13) 1,4-Dichlorobenzene	6.83	146	1072122	49.586	ng	99
14) 1,2-Dichlorobenzene	6.99	146	982980	48.362	ng	98
15) Benzyl Alcohol	6.96	79	784647	46.432	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1044928	41.636	ng	99
17) 2-Methylphenol	7.07	107	749919	48.923	ng	99
18) Hexachloroethane	7.33	117	388220	49.517	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	610092	42.401	ng	99
20) 3+4-Methylphenols	7.23	107	858789	45.888	ng	95
22) Acetophenone	7.23	105	1203113	46.020	ng	98
24) Nitrobenzene	7.40	77	935500	46.306	ng	95
25) Isophorone	7.65	82	1670549	46.420	ng	98
26) 2-Nitrophenol	7.72	139	511904	59.418	ng	99
27) 2,4-Dimethylphenol	7.76	122	682682	45.889	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	1092587	47.118	ng	98
29) 2,4-Dichlorophenol	7.96	162	817823	49.729	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	944347	49.524	ng	100
31) Naphthalene	8.13	128	2527754	50.703	ng	99
32) Benzoic acid	7.89	122	619328	55.470	ng	98
33) 4-Chloroaniline	8.17	127	1131341	49.098	ng	98
34) Hexachlorobutadiene	8.25	225	583227	50.225	ng	99
35) Caprolactam	8.56	113	259918	48.295	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	817178	50.318	ng	99
37) 2-Methylnaphthalene	8.82	142	1743621	49.549	ng	98
38) 1-Methylnaphthalene	8.92	142	1656045	49.535	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	942107	48.408	ng	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	399603	40.696	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	641187	49.649	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	649623	49.253	ng		96
46) 1,1'-Biphenyl	9.28	154	2148476	50.119	ng		99
47) 2-Chloronaphthalene	9.30	162	1808529	50.053	ng		100
48) 2-Nitroaniline	9.40	65	529060	47.633	ng		92
49) Acenaphthylene	9.72	152	2592561	51.004	ng		98
50) Dimethylphthalate	9.59	163	2099313	51.804	ng		100
51) 2,6-Dinitrotoluene	9.65	165	494697	54.516	ng		91
52) Acenaphthene	9.89	154	1713147	50.403	ng		100
53) 3-Nitroaniline	9.81	138	554159	53.481	ng		95
54) 2,4-Dinitrophenol	9.92	184	254807	70.336	ng		93
55) Dibenzofuran	10.06	168	2369705	50.309	ng		99
56) 4-Nitrophenol	9.97	139	405315	51.816	ng		96
57) 2,4-Dinitrotoluene	10.05	165	656973	57.430	ng	#	89
58) Fluorene	10.41	166	1752182	47.385	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	586605	50.565	ng		99
60) Diethylphthalate	10.28	149	2070877	52.707	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	954228	47.447	ng		97
62) 4-Nitroaniline	10.43	138	549891	51.737	ng		99
63) Azobenzene	10.56	77	1754007	46.095	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	349228	68.049	ng		94
66) n-Nitrosodiphenylamine	10.52	169	1704295	48.422	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	693867	48.121	ng		99
68) Hexachlorobenzene	10.96	284	803128	49.128	ng	#	93
69) Atrazine	11.05	200	541267	44.368	ng		99
70) Pentachlorophenol	11.15	266	436377	48.012	ng		98
71) Phenanthrene	11.37	178	2769303	49.183	ng		99
72) Anthracene	11.42	178	2751385	49.384	ng		100
73) Carbazole	11.57	167	2537343	49.651	ng		100
74) Di-n-butylphthalate	11.90	149	3063384	53.955	ng		99
75) Fluoranthene	12.56	202	3039454	51.181	ng		98
77) Benzidine	12.67	184	1342629	55.092	ng		99
78) Pyrene	12.79	202	3034216	48.999	ng		98
80) Butylbenzylphthalate	13.40	149	1410155	55.643	ng		97
81) Benzo(a)anthracene	13.97	228	2710063	49.393	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	1129703	57.782	ng		99
83) Chrysene	14.01	228	2679307	50.952	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1753767	56.642	ng		99
85) Di-n-octyl phthalate	14.57	149	3046406	66.472	ng		99
86) Indeno(1,2,3-cd)pyrene	16.88	276	2684507	58.753	ng		100
88) Benzo(b)fluoranthene	15.02	252	2941056	48.469	ng		99
89) Benzo(k)fluoranthene	15.04	252	2697599	47.986	ng		98
90) Benzo(a)pyrene	15.37	252	2601995	49.710	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	2198440	47.481	ng		99
92) Benzo(g,h,i)perylene	17.32	276	2074748	46.151	ng		98

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

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