Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\
Data File : BF117778.D
Acq On : 13 Nov 2019 16:23
Operator : JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Nov 13 16:51:05 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 16:36:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	278172	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1052643	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	545220	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1020091	20.00	ng	0.00
76) Chrysene-d12	14.12	240	586677	20.00	ng	0.00
87) Perylene-d12	15.62	264	507400	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1500093	97.62	ng	0.00
7) Phenol-d6	6.55	99	1791780	94.56	ng	0.00
23) Nitrobenzene-d5	7.49	82	1786313	100.19	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	561471	105.27	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	3092907	111.92	ng	0.00
79) Terphenyl-d14	13.06	244	3216135	112.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	362758	47.377	ng	99
3) Pyridine	3.49	79	960216	45.591	ng	100
4) n-Nitrosodimethylamine	3.44	42	416296	44.852	ng	98
6) Aniline	6.59	93	1243468	46.760	ng	100
8) 2-Chlorophenol	6.71	128	846403	49.511	ng	98
9) Benzaldehyde	6.47	77	581442	44.102	ng	99
10) Phenol	6.56	94	977954	47.898	ng	98
11) bis(2-Chloroethyl)ether	6.66	93	784757	46.545	ng	97
12) 1,3-Dichlorobenzene	6.87	146	996808	50.303	ng	98
13) 1,4-Dichlorobenzene	6.95	146	1009849	50.909	ng	99
14) 1,2-Dichlorobenzene	7.10	146	932095	51.033	ng	99
15) Benzyl Alcohol	7.06	79	742137	49.121	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1232348	46.228	ng	99
17) 2-Methylphenol	7.17	107	726030	49.449	ng	100
18) Hexachloroethane	7.45	117	376462	51.343	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	578362	46.421	ng	98
20) 3+4-Methylphenols	7.33	107	858528	49.106	ng	90
22) Acetophenone	7.34	105	1148813	47.751	ng	97
24) Nitrobenzene	7.51	77	916272	49.214	ng	97
25) Isophorone	7.75	82	1592687	46.704	ng	98
26) 2-Nitrophenol	7.83	139	459673	53.182	ng	98
27) 2,4-Dimethylphenol	7.86	122	693281	47.569	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	1013758	46.311	ng	99
29) 2,4-Dichlorophenol	8.07	162	748716	49.864	ng	97
30) 1,2,4-Trichlorobenzene	8.15	180	864413	50.289	ng	99
31) Naphthalene	8.24	128	2401018	49.902	ng	99
32) Benzoic acid	7.98	122	614513	53.266	ng	99
33) 4-Chloroaniline	8.28	127	1080342	48.323	ng	99
34) Hexachlorobutadiene	8.35	225	505950	51.400	ng	98
35) Caprolactam	8.66	113	235304	47.281	ng	91
36) 4-Chloro-3-methylphenol	8.76	107	749933	49.495	ng	96
37) 2-Methylnaphthalene	8.93	142	1624507	49.595	ng	99
38) 1-Methylnaphthalene	9.03	142	1541625	49.561	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	791036	53.033	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	454075	56.429	ng		99
43) 2,4,6-Trichlorophenol	9.20	196	572968	52.743	ng		98
44) 2,4,5-Trichlorophenol	9.25	196	590430	53.620	ng		97
46) 1,1'-Biphenyl	9.40	154	1981823	51.901	ng		99
47) 2-Chloronaphthalene	9.42	162	1657023	52.291	ng		98
48) 2-Nitroaniline	9.52	65	511847	51.544	ng		91
49) Acenaphthylene	9.84	152	2401428	52.037	ng		98
50) Dimethylphthalate	9.70	163	1874937	50.868	ng		99
51) 2,6-Dinitrotoluene	9.76	165	422069	51.138	ng		92
52) Acenaphthene	10.01	154	1531637	51.435	ng		98
53) 3-Nitroaniline	9.93	138	495228	49.734	ng		95
54) 2,4-Dinitrophenol	10.03	184	195162	68.973	ng	#	89
55) Dibenzofuran	10.19	168	2104515	50.506	ng		99
56) 4-Nitrophenol	10.07	139	368064	49.151	ng		98
57) 2,4-Dinitrotoluene	10.16	165	542719	51.260	ng		90
58) Fluorene	10.53	166	1573411	51.234	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	483065	52.773	ng		99
60) Diethylphthalate	10.40	149	1851530	51.079	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	838220	52.432	ng		98
62) 4-Nitroaniline	10.55	138	493032	50.306	ng		100
63) Azobenzene	10.68	77	1669914	48.639	ng		96
65) 4,6-Dinitro-2-methylphenol	10.57	198	256848	63.057	ng		83
66) n-Nitrosodiphenylamine	10.64	169	1466715	48.682	ng		99
67) 4-Bromophenyl-phenylether	11.01	248	549813	49.352	ng		95
68) Hexachlorobenzene	11.08	284	640027	49.731	ng		92
69) Atrazine	11.16	200	491451	49.501	ng		98
70) Pentachlorophenol	11.27	266	385310	53.557	ng		100
71) Phenanthrene	11.49	178	2404842	49.184	ng		99
72) Anthracene	11.55	178	2404740	49.435	ng		99
73) Carbazole	11.70	167	2170066	48.799	ng		99
74) Di-n-butylphthalate	12.03	149	2643232	48.883	ng		99
75) Fluoranthene	12.69	202	2373182	47.534	ng		98
77) Benzidine	12.80	184	970140	47.563	ng		100
78) Pyrene	12.92	202	2344431	54.742	ng		98
80) Butylbenzylphthalate	13.53	149	1055964	53.381	ng		99
81) Benzo(a)anthracene	14.10	228	1919206	52.555	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	698616	51.223	ng	#	98
83) Chrysene	14.14	228	1880146	52.134	ng		100
84) Bis(2-ethylhexyl)phthalate	14.09	149	1289866	50.549	ng		99
85) Di-n-octyl phthalate	14.71	149	1929507	48.052	ng		100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1568116	46.717	ng		100
88) Benzo(b)fluoranthene	15.18	252	1655300	51.798	ng		99
89) Benzo(k)fluoranthene	15.21	252	1595096	55.964	ng		98
90) Benzo(a)pyrene	15.56	252	1455238	52.531	ng		99
91) Dibenzo(a,h)anthracene	17.18	278	1266804	50.987	ng		98
92) Benzo(g,h,i)perylene	17.63	276	1265278	52.548	ng		98

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

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