Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
Data File : BF119946.D
Acq On : 14 Apr 2020 12:12
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 14 12:43:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 13:37:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	223128	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	843549	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	432768	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	828379	20.00	ng	0.00
76) Chrysene-d12	13.91	240	601054	20.00	ng	0.00
87) Perylene-d12	15.33	264	532186	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1024365	79.34	ng	0.00
7) Phenol-d6	6.37	99	1322317	79.48	ng	0.00
23) Nitrobenzene-d5	7.31	82	1201378	73.68	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	356921	67.36	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2231399	73.21	ng	0.00
79) Terphenyl-d14	12.86	244	2332429	65.30	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.39	88	231539	40.263	ng	94
3) Pyridine	3.09	79	560662	35.535	ng	98
4) n-Nitrosodimethylamine	3.06	42	289067	35.858	ng	87
6) Aniline	6.40	93	670280	30.696	ng	97
8) 2-Chlorophenol	6.52	128	563992	39.096	ng	96
9) Benzaldehyde	6.29	77	362696	41.136	ng	99
10) Phenol	6.39	94	728463	38.596	ng	97
11) bis(2-Chloroethyl)ether	6.48	93	569637	39.088	ng	98
12) 1,3-Dichlorobenzene	6.68	146	608701	38.541	ng	98
13) 1,4-Dichlorobenzene	6.76	146	618353	38.435	ng	98
14) 1,2-Dichlorobenzene	6.91	146	580466	39.150	ng	97
15) Benzyl Alcohol	6.89	79	476630	36.886	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1021929	36.036	ng	98
17) 2-Methylphenol	7.00	107	496297	38.550	ng	96
18) Hexachloroethane	7.25	117	228400	37.987	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	397809	37.185	ng	98
20) 3+4-Methylphenols	7.16	107	619177	39.325	ng	95
22) Acetophenone	7.16	105	724518	36.678	ng	99
24) Nitrobenzene	7.33	77	616403	37.579	ng	99
25) Isophorone	7.57	82	1145529	36.444	ng	100
26) 2-Nitrophenol	7.64	139	305396	37.267	ng	98
27) 2,4-Dimethylphenol	7.68	122	459722	37.196	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	685281	37.050	ng	99
29) 2,4-Dichlorophenol	7.89	162	475262	37.515	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	526357	36.668	ng	98
31) Naphthalene	8.05	128	1640228	36.957	ng	100
32) Benzoic acid	7.82	122	350296	32.271	ng	97
33) 4-Chloroaniline	8.10	127	629313	32.571	ng	96
34) Hexachlorobutadiene	8.17	225	313211	36.450	ng	97
35) Caprolactam	8.47	113	143575	37.049	ng	89
36) 4-Chloro-3-methylphenol	8.58	107	506815	36.951	ng	98
37) 2-Methylnaphthalene	8.74	142	1086805	36.119	ng	98
38) 1-Methylnaphthalene	8.84	142	1027581	36.233	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	500869	36.644	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	329608	42.407 ng	98
43) 2,4,6-Trichlorophenol	9.02	196	342518	36.288 ng	99
44) 2,4,5-Trichlorophenol	9.06	196	394698	37.127 ng	97
46) 1,1'-Biphenyl	9.20	154	1351618	37.002 ng	97
47) 2-Chloronaphthalene	9.23	162	1051303	37.361 ng	98
48) 2-Nitroaniline	9.33	65	379884	37.253 ng	92
49) Acenaphthylene	9.65	152	1610176	37.626 ng	99
50) Dimethylphthalate	9.51	163	1234891	36.891 ng	99
51) 2,6-Dinitrotoluene	9.57	165	272300	37.147 ng	97
52) Acenaphthene	9.82	154	980586	34.350 ng	99
53) 3-Nitroaniline	9.74	138	318375	38.029 ng	99
54) 2,4-Dinitrophenol	9.85	184	142644	32.503 ng	95
55) Dibenzofuran	9.99	168	1460708	37.288 ng	100
56) 4-Nitrophenol	9.90	139	223928	35.949 ng	96
57) 2,4-Dinitrotoluene	9.97	165	363592	37.648 ng	98
58) Fluorene	10.33	166	1102143	35.180 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	300678	36.981 ng	98
60) Diethylphthalate	10.21	149	1255492	36.188 ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	563271	35.079 ng	97
62) 4-Nitroaniline	10.36	138	318891	39.969 ng	96
63) Azobenzene	10.49	77	1170453	37.645 ng	97
65) 4,6-Dinitro-2-methylphenol	10.38	198	173176	31.732 ng	80
66) n-Nitrosodiphenylamine	10.45	169	1033814	37.526 ng	99
67) 4-Bromophenyl-phenylether	10.82	248	359544	34.901 ng	96
68) Hexachlorobenzene	10.88	284	368076	35.220 ng	95
69) Atrazine	10.97	200	289397	37.755 ng	99
70) Pentachlorophenol	11.07	266	201875	33.520 ng	99
71) Phenanthrene	11.29	178	1624841	36.855 ng	98
72) Anthracene	11.35	178	1657299	36.798 ng	99
73) Carbazole	11.50	167	1583710	37.184 ng	99
74) Di-n-butylphthalate	11.83	149	1975024	35.275 ng	100
75) Fluoranthene	12.48	202	1766917	37.144 ng	98
77) Benzidine	12.60	184	408109	20.087 ng	98
78) Pyrene	12.71	202	1801913	35.562 ng	99
80) Butylbenzylphthalate	13.33	149	845381	34.383 ng	99
81) Benzo(a)anthracene	13.90	228	1434598	36.281 ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	523630	35.491 ng	96
83) Chrysene	13.94	228	1485949	36.985 ng	100
84) Bis(2-ethylhexyl)phthalate	13.90	149	1102508	33.113 ng	99
85) Di-n-octyl phthalate	14.50	149	2011680	35.485 ng	98
86) Indeno(1,2,3-cd)pyrene	16.73	276	1234499	34.857 ng	97
88) Benzo(b)fluoranthene	14.93	252	1385284	36.184 ng	99
89) Benzo(k)fluoranthene	14.96	252	1260826	38.170 ng	99
90) Benzo(a)pyrene	15.27	252	1205320	37.445 ng	99
91) Dibenzo(a,h)anthracene	16.74	278	1022930	35.876 ng	98
92) Benzo(g,h,i)perylene	17.15	276	981346	34.867 ng	97

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

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