Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116099.D
Acq On : 9 Aug 2019 8:46
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/13/2019 7:17:38 AM

Quant Time: Aug 10 02:20:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	177206	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	735142	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	387944	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	664881	20.00	ng	0.00
76) Chrysene-d12	14.01	240	454469	20.00	ng	0.00
87) Perylene-d12	15.47	264	438560	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	875247	82.68	ng	0.00
7) Phenol-d6	6.49	99	1113654	83.39	ng	0.00
23) Nitrobenzene-d5	7.41	82	1042628	81.87	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	307145	81.66	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1641844	79.27	ng	0.00
79) Terphenyl-d14	12.94	244	1833289	85.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	204847	38.306	ng	99
3) Pyridine	3.35	79	563697	37.735	ng	99
4) n-Nitrosodimethylamine	3.32	42	234756	39.822	ng	97
6) Aniline	6.51	93	758382	39.651	ng	95
8) 2-Chlorophenol	6.63	128	505306	43.169	ng	97
9) Benzaldehyde	6.39	77	345910	37.538	ng	99
10) Phenol	6.50	94	639248	40.646	ng	100
11) bis(2-Chloroethyl)ether	6.58	93	504563	43.637	ng	98
12) 1,3-Dichlorobenzene	6.79	146	552220	40.821	ng	98
13) 1,4-Dichlorobenzene	6.86	146	561970	41.489	ng	99
14) 1,2-Dichlorobenzene	7.02	146	506165	40.584	ng	98
15) Benzyl Alcohol	6.99	79	416674	41.111	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	661292	41.929	ng	100
17) 2-Methylphenol	7.10	107	420063	42.382	ng	98
18) Hexachloroethane	7.35	117	211956	42.502	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	347315	41.967	ng	98
20) 3+4-Methylphenols	7.26	107	487856	41.594	ng	98
22) Acetophenone	7.26	105	651764	40.425	ng	98
24) Nitrobenzene	7.43	77	570775	41.506	ng	100
25) Isophorone	7.67	82	1038321	42.637	ng	100
26) 2-Nitrophenol	7.75	139	289747	44.699	ng	94
27) 2,4-Dimethylphenol	7.78	122	396030	40.608	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	645791	42.784	ng	100
29) 2,4-Dichlorophenol	7.99	162	436770	42.416	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	484764	41.299	ng	98
31) Naphthalene	8.15	128	1424279	41.171	ng	100
32) Benzoic acid	7.95	122	281292	40.911	ng	98
33) 4-Chloroaniline	8.20	127	624689	40.415	ng	97
34) Hexachlorobutadiene	8.26	225	282214	41.742	ng	100
35) Caprolactam	8.59	113	138973m	41.729	ng	
36) 4-Chloro-3-methylphenol	8.69	107	455493	42.520	ng	97
37) 2-Methylnaphthalene	8.83	142	931037	40.865	ng	100
38) 1-Methylnaphthalene	8.93	142	886953	41.151	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	433707	41.818	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	165560	38.848	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	285668	40.017	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	302864	41.042	ng	99
46) 1,1'-Biphenyl	9.30	154	1122158	40.972	ng	99
47) 2-Chloronaphthalene	9.33	162	919253	40.326	ng	100
48) 2-Nitroaniline	9.43	65	310800	41.249	ng	96
49) Acenaphthylene	9.74	152	1339474	40.277	ng	100
50) Dimethylphthalate	9.60	163	1102503	41.738	ng	100
51) 2,6-Dinitrotoluene	9.67	165	241896	42.140	ng	94
52) Acenaphthene	9.92	154	818123	40.099	ng	100
53) 3-Nitroaniline	9.84	138	289143	40.765	ng	99
54) 2,4-Dinitrophenol	9.96	184	102463	39.480	ng	94
55) Dibenzofuran	10.09	168	1151381	38.806	ng	100
56) 4-Nitrophenol	10.01	139	156210	34.379	ng	97
57) 2,4-Dinitrotoluene	10.07	165	296381	38.779	ng	95
58) Fluorene	10.43	166	935031	40.960	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	239575	38.589	ng	95
60) Diethylphthalate	10.30	149	1019031	41.321	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	473264	40.936	ng	100
62) 4-Nitroaniline	10.46	138	298851	40.770	ng	99
63) Azobenzene	10.57	77	1057120	41.675	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	164434	46.669	ng	93
66) n-Nitrosodiphenylamine	10.54	169	836558	41.802	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	304265	42.749	ng	99
68) Hexachlorobenzene	10.98	284	341370	41.477	ng	99
69) Atrazine	11.06	200	217745	33.074	ng	100
70) Pentachlorophenol	11.18	266	141309	35.364	ng	99
71) Phenanthrene	11.39	178	1384679	40.738	ng	99
72) Anthracene	11.45	178	1407069	40.904	ng	99
73) Carbazole	11.60	167	1300274	41.664	ng	99
74) Di-n-butylphthalate	11.92	149	1545862	42.461	ng	100
75) Fluoranthene	12.58	202	1436377	40.365	ng	99
77) Benzidine	12.70	184	628152	40.912	ng	99
78) Pyrene	12.81	202	1449777	42.319	ng	99
80) Butylbenzylphthalate	13.42	149	659240	45.491	ng	99
81) Benzo(a)anthracene	14.00	228	1269710	43.711	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	447161	44.309	ng	99
83) Chrysene	14.03	228	1207901	42.832	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	880813	46.773	ng	99
85) Di-n-octyl phthalate	14.59	149	1353131	45.238	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1036080	43.742	ng	100
88) Benzo(b)fluoranthene	15.05	252	1067125	42.082	ng	99
89) Benzo(k)fluoranthene	15.08	252	988183	40.009	ng	99
90) Benzo(a)pyrene	15.42	252	946304	41.746	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	833870	42.497	ng	98
92) Benzo(g,h,i)perylene	17.40	276	839285	43.553	ng	100

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

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