Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116117.D
Acq On : 9 Aug 2019 17:28
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/13/2019 7:17:54 AM

Quant Time: Aug 10 04:44:55 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	183244	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	755500	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	398748	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	679053	20.00	ng	0.00
76) Chrysene-d12	14.01	240	448846	20.00	ng	0.00
87) Perylene-d12	15.47	264	413308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	886942	81.03	ng	0.00
7) Phenol-d6	6.49	99	1140256	82.57	ng	0.00
23) Nitrobenzene-d5	7.41	82	1060669	81.04	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	314522	81.36	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1672714	78.57	ng	0.00
79) Terphenyl-d14	12.94	244	1841318	86.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	214534	38.796	ng	100
3) Pyridine	3.35	79	574380	37.183	ng	99
4) n-Nitrosodimethylamine	3.32	42	242627	39.801	ng	98
6) Aniline	6.51	93	771726	39.019	ng	97
8) 2-Chlorophenol	6.63	128	515102	42.556	ng	99
9) Benzaldehyde	6.39	77	351987	36.939	ng	97
10) Phenol	6.50	94	650381	39.991	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	516250	43.176	ng	99
12) 1,3-Dichlorobenzene	6.79	146	573276	40.981	ng	98
13) 1,4-Dichlorobenzene	6.86	146	573188	40.923	ng	100
14) 1,2-Dichlorobenzene	7.02	146	517856	40.153	ng	98
15) Benzyl Alcohol	6.99	79	418549	39.935	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	675391	41.412	ng	93
17) 2-Methylphenol	7.10	107	429661	41.922	ng	98
18) Hexachloroethane	7.35	117	217035	42.087	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	351071	41.023	ng	98
20) 3+4-Methylphenols	7.26	107	495926	40.889	ng	97
22) Acetophenone	7.26	105	665275	40.151	ng	98
24) Nitrobenzene	7.43	77	583347	41.277	ng	99
25) Isophorone	7.67	82	1066817	42.627	ng	100
26) 2-Nitrophenol	7.75	139	298531	44.813	ng	93
27) 2,4-Dimethylphenol	7.78	122	401497	40.060	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	656320	42.310	ng	99
29) 2,4-Dichlorophenol	7.99	162	447057	42.245	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	496859	41.189	ng	98
31) Naphthalene	8.15	128	1449351	40.767	ng	99
32) Benzoic acid	7.95	122	292317	41.369	ng	98
33) 4-Chloroaniline	8.19	127	627489	39.502	ng	99
34) Hexachlorobutadiene	8.26	225	287436	41.368	ng	99
35) Caprolactam	8.59	113	140215m	40.967	ng	
36) 4-Chloro-3-methylphenol	8.69	107	471100	42.792	ng	96
37) 2-Methylnaphthalene	8.83	142	950110	40.578	ng	100
38) 1-Methylnaphthalene	8.93	142	906107	40.906	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	440182	41.292	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	177107	40.190	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	290211	39.552	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	307207	40.503	ng	98
46) 1,1'-Biphenyl	9.30	154	1145558	40.693	ng	100
47) 2-Chloronaphthalene	9.33	162	944588	40.315	ng	100
48) 2-Nitroaniline	9.43	65	313716	40.508	ng	98
49) Acenaphthylene	9.74	152	1353258	39.589	ng	100
50) Dimethylphthalate	9.60	163	1131557	41.678	ng	100
51) 2,6-Dinitrotoluene	9.67	165	245828	41.664	ng	94
52) Acenaphthene	9.92	154	837009	39.913	ng	100
53) 3-Nitroaniline	9.84	138	289661	39.731	ng	100
54) 2,4-Dinitrophenol	9.96	184	101590	38.359	ng	96
55) Dibenzofuran	10.09	168	1171116	38.401	ng	99
56) 4-Nitrophenol	10.01	139	159894	34.236	ng	98
57) 2,4-Dinitrotoluene	10.07	165	301255	38.349	ng	96
58) Fluorene	10.43	166	951727	40.562	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	253057	39.657	ng	98
60) Diethylphthalate	10.30	149	1051207	41.471	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	484932	40.809	ng	99
62) 4-Nitroaniline	10.46	138	299419	39.741	ng	98
63) Azobenzene	10.57	77	1075936	41.268	ng	100
65) 4,6-Dinitro-2-methylphenol	10.49	198	163857	45.534	ng	95
66) n-Nitrosodiphenylamine	10.54	169	850906	41.632	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	310333	42.691	ng	99
68) Hexachlorobenzene	10.98	284	348371	41.444	ng	99
69) Atrazine	11.06	200	221284	32.910	ng	99
70) Pentachlorophenol	11.18	266	146027	35.783	ng	98
71) Phenanthrene	11.39	178	1402004	40.387	ng	100
72) Anthracene	11.45	178	1428189	40.651	ng	99
73) Carbazole	11.60	167	1334625	41.872	ng	99
74) Di-n-butylphthalate	11.92	149	1599699	43.023	ng	100
75) Fluoranthene	12.58	202	1476623	40.630	ng	98
77) Benzidine	12.70	184	670687	44.229	ng	98
78) Pyrene	12.81	202	1480012	43.742	ng	99
80) Butylbenzylphthalate	13.41	149	674519	47.129	ng	94
81) Benzo(a)anthracene	14.00	228	1247637	43.489	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	444839	44.631	ng	99
83) Chrysene	14.03	228	1196274	42.951	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	894558	48.098	ng	99
85) Di-n-octyl phthalate	14.58	149	1337987	45.292	ng	100
86) Indeno(1,2,3-cd)pyrene	16.95	276	972862	41.588	ng	100
88) Benzo(b)fluoranthene	15.04	252	977175	40.889	ng	99
89) Benzo(k)fluoranthene	15.07	252	974162	41.851	ng	99
90) Benzo(a)pyrene	15.41	252	888372	41.585	ng	98
91) Dibenzo(a,h)anthracene	16.95	278	800894	43.310	ng	98
92) Benzo(g,h,i)perylene	17.39	276	816874	44.980	ng	99

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

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