Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
Data File : BF112263.D
Acq On : 28 Jan 2019 9:56
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/29/2019 9:34:38 AM

Quant Time: Jan 29 00:04:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 04:20:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	274877	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1071807	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	546069	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1057199	20.00	ng		0.00
76) Chrysene-d12	14.01	240	770633	20.00	ng		0.00
87) Perylene-d12	15.47	264	667398	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1073305	82.94	ng		0.00
7) Phenol-d6	6.49	99	1436709	79.90	ng		0.00
23) Nitrobenzene-d5	7.41	82	1361882	73.21	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	503890	79.28	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2673761	69.25	ng		0.00
79) Terphenyl-d14	12.95	244	2960618	72.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	225442	43.731	ng		97
3) Pyridine	3.36	79	604397	46.090	ng		100
4) n-Nitrosodimethylamine	3.31	42	230735	41.880	ng		98
6) Aniline	6.51	93	879208	41.101	ng		90
8) 2-Chlorophenol	6.64	128	689155	39.586	ng		99
9) Benzaldehyde	6.39	77	370069	39.374	ng		100
10) Phenol	6.50	94	780696	39.572	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	633812	40.807	ng		98
12) 1,3-Dichlorobenzene	6.79	146	776283	38.288	ng		99
13) 1,4-Dichlorobenzene	6.86	146	789283	37.826	ng		99
14) 1,2-Dichlorobenzene	7.02	146	728325	37.281	ng		97
15) Benzyl Alcohol	6.99	79	566941	37.401	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	816440	40.940	ng		67
17) 2-Methylphenol	7.11	107	530485	38.439	ng		94
18) Hexachloroethane	7.36	117	277282	37.843	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	464362	37.450	ng		98
20) 3+4-Methylphenols	7.26	107	664437	37.650	ng	#	75
22) Acetophenone	7.26	105	941433	36.072	ng	#	98
24) Nitrobenzene	7.43	77	691270	37.210	ng		98
25) Isophorone	7.67	82	1122007	38.449	ng		96
26) 2-Nitrophenol	7.75	139	391240	39.408	ng		98
27) 2,4-Dimethylphenol	7.79	122	530484	38.782	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	780827	39.297	ng		99
29) 2,4-Dichlorophenol	7.99	162	604577	39.496	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	670669	38.117	ng		98
31) Naphthalene	8.15	128	1869879	37.306	ng		99
32) Benzoic acid	7.93	122	293899	37.667	ng		99
33) 4-Chloroaniline	8.20	127	840520	38.513	ng		99
34) Hexachlorobutadiene	8.27	225	380614	36.863	ng		100
35) Caprolactam	8.58	113	215161m	39.845	ng		
36) 4-Chloro-3-methylphenol	8.69	107	600085	37.032	ng		99
37) 2-Methylnaphthalene	8.84	142	1292914	37.680	ng		99
38) 1-Methylnaphthalene	8.94	142	1235785	37.575	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	664990m	37.089	ng		

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	173556	32.011 ng	98
43) 2,4,6-Trichlorophenol	9.13	196	433966	39.266 ng	99
44) 2,4,5-Trichlorophenol	9.17	196	444337	38.469 ng	99
46) 1,1'-Biphenyl	9.30	154	1735349	36.350 ng	98
47) 2-Chloronaphthalene	9.33	162	1361679	36.782 ng	99
48) 2-Nitroaniline	9.43	65	371723	36.840 ng	95
49) Acenaphthylene	9.75	152	1974494	36.389 ng	100
50) Dimethylphthalate	9.60	163	1575951	37.145 ng	99
51) 2,6-Dinitrotoluene	9.67	165	357467	37.620 ng	92
52) Acenaphthene	9.92	154	1195281	36.876 ng	99
53) 3-Nitroaniline	9.84	138	396527	38.519 ng	92
54) 2,4-Dinitrophenol	9.96	184	108188	35.478 ng	95
55) Dibenzofuran	10.09	168	1817836	36.699 ng	98
56) 4-Nitrophenol	10.02	139	218950	40.230 ng	100
57) 2,4-Dinitrotoluene	10.07	165	467795	38.671 ng	92
58) Fluorene	10.43	166	1351153	36.451 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	342218	39.205 ng	97
60) Diethylphthalate	10.30	149	1521813	36.144 ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	737862	36.594 ng	97
62) 4-Nitroaniline	10.46	138	394959	39.116 ng	95
63) Azobenzene	10.58	77	1387144	37.461 ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	215705	36.392 ng	97
66) n-Nitrosodiphenylamine	10.54	169	1323425	37.143 ng	99
67) 4-Bromophenyl-phenylether	10.91	248	475019	38.203 ng	97
68) Hexachlorobenzene	10.99	284	507975	38.078 ng	99
69) Atrazine	11.07	200	419999	36.532 ng	97
70) Pentachlorophenol	11.18	266	217465	41.894 ng	99
71) Phenanthrene	11.39	178	1981211	36.047 ng	99
72) Anthracene	11.45	178	2025674	36.999 ng	99
73) Carbazole	11.60	167	2004473	37.116 ng	99
74) Di-n-butylphthalate	11.92	149	2360668	35.216 ng	100
75) Fluoranthene	12.58	202	2082300	35.323 ng	99
77) Benzidine	12.70	184	991199	46.732 ng	99
78) Pyrene	12.81	202	2145916	40.220 ng	100
80) Butylbenzylphthalate	13.42	149	1035188	40.102 ng	92
81) Benzo(a)anthracene	14.00	228	1703476	37.603 ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	670786	39.565 ng	100
83) Chrysene	14.04	228	1625840	37.598 ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1346105	36.737 ng	99
85) Di-n-octyl phthalate	14.59	149	2109618	37.421 ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1438018	41.968 ng	98
88) Benzo(b)fluoranthene	15.04	252	1553209	38.914 ng	100
89) Benzo(k)fluoranthene	15.08	252	1418776	37.110 ng	99
90) Benzo(a)pyrene	15.42	252	1364821	38.003 ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1212824	41.902 ng	99
92) Benzo(g,h,i)perylene	17.40	276	1156412	42.347 ng	98

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

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