Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112009.D
Acq On : 11 Jan 2019 12:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/14/2019 4:10:08 PM

Quant Time: Jan 11 21:33:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	126503	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	459526	20.00	ng	-0.02
39) Acenaphthene-d10	9.92	164	236717	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	449668	20.00	ng	-0.02
76) Chrysene-d12	14.05	240	340547	20.00	ng	-0.01
87) Perylene-d12	15.52	264	255701	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	569222	76.98	ng	-0.02
7) Phenol-d6	6.52	99	721806	75.74	ng	-0.02
23) Nitrobenzene-d5	7.44	82	687871	80.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	242614	78.80	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1310594	80.73	ng	-0.02
79) Terphenyl-d14	12.99	244	1478133	82.39	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	138495	42.836	ng	97
3) Pyridine	3.41	79	354085	42.253	ng	98
4) n-Nitrosodimethylamine	3.36	42	156231	37.470	ng	100
6) Aniline	6.53	93	439311	38.123	ng	97
8) 2-Chlorophenol	6.66	128	321548	39.162	ng	97
9) Benzaldehyde	6.42	77	196300	35.419	ng	98
10) Phenol	6.53	94	397475	38.373	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	303727	37.902	ng	93
12) 1,3-Dichlorobenzene	6.82	146	371810	39.062	ng	100
13) 1,4-Dichlorobenzene	6.89	146	379385	39.278	ng	99
14) 1,2-Dichlorobenzene	7.05	146	351071	38.023	ng	99
15) Benzyl Alcohol	7.02	79	290555	38.532	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	485554	35.539	ng	99
17) 2-Methylphenol	7.13	107	249034	37.738	ng	99
18) Hexachloroethane	7.39	117	135358	40.137	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	230801	37.272	ng	98
20) 3+4-Methylphenols	7.29	107	319043	38.847	ng	97
22) Acetophenone	7.28	105	453984	39.023	ng	99
24) Nitrobenzene	7.46	77	341125	39.220	ng	99
25) Isophorone	7.69	82	540892	38.849	ng	99
26) 2-Nitrophenol	7.77	139	170684	39.855	ng	93
27) 2,4-Dimethylphenol	7.81	122	247185	39.920	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	366759	39.464	ng	99
29) 2,4-Dichlorophenol	8.02	162	284499	39.956	ng	94
30) 1,2,4-Trichlorobenzene	8.10	180	318156	40.504	ng	99
31) Naphthalene	8.18	128	885380	40.588	ng	99
32) Benzoic acid	7.94	122	139869m	34.808	ng	
33) 4-Chloroaniline	8.23	127	384332	40.757	ng	99
34) Hexachlorobutadiene	8.30	225	200503	41.003	ng	98
35) Caprolactam	8.60	113	93607	40.238	ng	94
36) 4-Chloro-3-methylphenol	8.72	107	283396	40.031	ng	99
37) 2-Methylnaphthalene	8.87	142	581584	43.027	ng	99
38) 1-Methylnaphthalene	8.97	142	557287	42.986	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	310478	41.141	ng	100

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1/14/2019 4:10:08 PM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	142143	32.576	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	203931	39.841	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	211865	39.506	ng		99
46) 1,1'-Biphenyl	9.33	154	808611	40.837	ng		98
47) 2-Chloronaphthalene	9.36	162	626095	40.288	ng		99
48) 2-Nitroaniline	9.45	65	189566	39.898	ng		99
49) Acenaphthylene	9.77	152	926294	40.317	ng		99
50) Dimethylphthalate	9.63	163	703509	39.562	ng		99
51) 2,6-Dinitrotoluene	9.69	165	159336	40.069	ng		95
52) Acenaphthene	9.95	154	563693	38.057	ng		99
53) 3-Nitroaniline	9.86	138	172069	40.407	ng		99
54) 2,4-Dinitrophenol	9.97	184	82034m	48.720	ng		
55) Dibenzofuran	10.12	168	861674	40.002	ng		99
56) 4-Nitrophenol	10.03	139	110139	36.604	ng		99
57) 2,4-Dinitrotoluene	10.10	165	209918	40.854	ng		93
58) Fluorene	10.46	166	632625	40.361	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	173492	38.396	ng		100
60) Diethylphthalate	10.33	149	685260	39.821	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	352421	40.096	ng		99
62) 4-Nitroaniline	10.48	138	166997	41.344	ng		99
63) Azobenzene	10.61	77	666078	40.517	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	100359	36.171	ng		92
66) n-Nitrosodiphenylamine	10.57	169	603330	39.983	ng		100
67) 4-Bromophenyl-phenylether	10.94	248	226089	38.819	ng		98
68) Hexachlorobenzene	11.02	284	250372	38.789	ng		96
69) Atrazine	11.10	200	206307	38.913	ng		100
70) Pentachlorophenol	11.21	266	141211	38.445	ng		98
71) Phenanthrene	11.43	178	940564	39.123	ng		100
72) Anthracene	11.48	178	960748	39.366	ng		99
73) Carbazole	11.63	167	930086	39.179	ng		99
74) Di-n-butylphthalate	11.96	149	1076688	39.046	ng		99
75) Fluoranthene	12.62	202	955872	38.729	ng		99
77) Benzidine	12.73	184	398009	39.114	ng		99
78) Pyrene	12.85	202	973215	41.534	ng		99
80) Butylbenzylphthalate	13.45	149	417739	42.169	ng		97
81) Benzo(a)anthracene	14.03	228	792101	40.415	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	303593	41.958	ng		99
83) Chrysene	14.07	228	752451	40.266	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	571177	43.904	ng	#	98
85) Di-n-octyl phthalate	14.62	149	802337	43.095	ng		98
86) Indeno(1,2,3-cd)pyrene	17.01	276	567683	41.669	ng		99
88) Benzo(b)fluoranthene	15.09	252	575523	37.626	ng		99
89) Benzo(k)fluoranthene	15.12	252	592799	41.230	ng		99
90) Benzo(a)pyrene	15.46	252	539171	40.090	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	476776	44.076	ng		99
92) Benzo(g,h,i)perylene	17.46	276	476532	45.040	ng		98

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

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