Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113785.D
Acq On : 16 Apr 2019 11:01
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/17/2019 3:45:30 PM

Quant Time: Apr 16 11:30:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	171100	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	666170	20.00	ng		-0.01
39) Acenaphthene-d10	9.71	164	325895	20.00	ng		-0.01
64) Phenanthrene-d10	11.19	188	648530	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	488536	20.00	ng		-0.01
87) Perylene-d12	15.24	264	374992	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	831231	82.84	ng		0.00
7) Phenol-d6	6.34	99	995216	80.48	ng		0.00
23) Nitrobenzene-d5	7.25	82	937960	82.47	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	318341	81.32	ng		-0.01
45) 2-Fluorobiphenyl	9.03	172	1630150	80.53	ng		-0.02
79) Terphenyl-d14	12.77	244	1762760	73.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	186042	39.148	ng		98
3) Pyridine	3.02	79	484055	38.921	ng		99
4) n-Nitrosodimethylamine	2.99	42	221887	41.991	ng		96
6) Aniline	6.34	93	617342	41.183	ng	#	64
8) 2-Chlorophenol	6.47	128	481184	41.449	ng		99
9) Benzaldehyde	6.23	77	320587	43.598	ng		99
10) Phenol	6.36	94	586754	41.543	ng	#	73
11) bis(2-Chloroethyl)ether	6.42	93	449262	40.891	ng		99
12) 1,3-Dichlorobenzene	6.62	146	511707	40.930	ng		97
13) 1,4-Dichlorobenzene	6.69	146	515465	40.801	ng		98
14) 1,2-Dichlorobenzene	6.85	146	461208	40.444	ng		98
15) Benzyl Alcohol	6.84	79	293505	35.101	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	671822	39.284	ng		76
17) 2-Methylphenol	6.96	107	385647	42.866	ng	#	87
18) Hexachloroethane	7.18	117	183304	39.862	ng		93
19) n-Nitroso-di-n-propylamine	7.10	70	318193	41.725	ng		99
20) 3+4-Methylphenols	7.12	107	492327	45.164	ng		91
22) Acetophenone	7.09	105	615853	42.092	ng	#	97
24) Nitrobenzene	7.27	77	488520	41.710	ng		99
25) Isophorone	7.51	82	874602	39.921	ng		100
26) 2-Nitrophenol	7.58	139	269319	42.725	ng		97
27) 2,4-Dimethylphenol	7.63	122	372607	41.347	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	556531	40.180	ng		99
29) 2,4-Dichlorophenol	7.84	162	410007	42.524	ng		100
30) 1,2,4-Trichlorobenzene	7.90	180	428201	40.895	ng		97
31) Naphthalene	7.98	128	1312674	40.668	ng		100
32) Benzoic acid	7.82	122	266342	38.168	ng		99
33) 4-Chloroaniline	8.04	127	572018	44.694	ng		99
34) Hexachlorobutadiene	8.09	225	260165	40.755	ng		99
35) Caprolactam	8.43	113	132998m	43.454	ng		
36) 4-Chloro-3-methylphenol	8.55	107	419672	43.359	ng		98
37) 2-Methylnaphthalene	8.67	142	868427	40.908	ng		100
38) 1-Methylnaphthalene	8.77	142	831506	40.621	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	429452	40.746	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	106165	37.346	ng		99
43) 2,4,6-Trichlorophenol	8.96	196	258410	38.841	ng		98
44) 2,4,5-Trichlorophenol	9.02	196	255700	35.800	ng		97
46) 1,1'-Biphenyl	9.13	154	1089972	40.531	ng		99
47) 2-Chloronaphthalene	9.16	162	827047	40.619	ng		98
48) 2-Nitroaniline	9.27	65	263620	42.312	ng		99
49) Acenaphthylene	9.57	152	1289071	38.933	ng		99
50) Dimethylphthalate	9.44	163	927364	38.603	ng		99
51) 2,6-Dinitrotoluene	9.52	165	214854	40.574	ng	#	86
52) Acenaphthene	9.75	154	761574	40.182	ng		100
53) 3-Nitroaniline	9.69	138	255485	42.436	ng		93
54) 2,4-Dinitrophenol	9.82	184	91203	36.814	ng		90
55) Dibenzofuran	9.92	168	1126635	40.524	ng		97
56) 4-Nitrophenol	9.89	139	130795m	35.022	ng		
57) 2,4-Dinitrotoluene	9.93	165	280377	43.780	ng		91
58) Fluorene	10.26	166	898108	40.843	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	270826	43.805	ng		90
60) Diethylphthalate	10.14	149	912927	39.416	ng		98
61) 4-Chlorophenyl-phenylether	10.25	204	444212	41.071	ng		97
62) 4-Nitroaniline	10.31	138	241853	39.505	ng		98
63) Azobenzene	10.41	77	862526	39.330	ng		98
65) 4,6-Dinitro-2-methylphenol	10.35	198	138115	40.453	ng		96
66) n-Nitrosodiphenylamine	10.37	169	799842	40.174	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	290189	39.897	ng		99
68) Hexachlorobenzene	10.82	284	332514	39.898	ng		99
69) Atrazine	10.90	200	223991	35.694	ng		96
70) Pentachlorophenol	11.02	266	168829	42.990	ng		99
71) Phenanthrene	11.22	178	1275483	39.579	ng		100
72) Anthracene	11.27	178	1329797	40.558	ng		100
73) Carbazole	11.43	167	1294980	42.229	ng		99
74) Di-n-butylphthalate	11.75	149	1405467	38.528	ng		100
75) Fluoranthene	12.40	202	1403300	40.637	ng		99
77) Benzidine	12.53	184	756985	41.668	ng		99
78) Pyrene	12.63	202	1397613	37.598	ng		99
80) Butylbenzylphthalate	13.24	149	586248	38.744	ng		95
81) Benzo(a)anthracene	13.82	228	1164692	41.328	ng		100
82) 3,3'-Dichlorobenzidine	13.78	252	442054	40.725	ng		99
83) Chrysene	13.86	228	1133942	39.693	ng		100
84) Bis(2-ethylhexyl)phthalate	13.80	149	738677	40.377	ng	#	98
85) Di-n-octyl phthalate	14.41	149	1143319	38.447	ng		100
86) Indeno(1,2,3-cd)pyrene	16.62	276	890239	33.751	ng		99
88) Benzo(b)fluoranthene	14.84	252	959541	41.802	ng		99
89) Benzo(k)fluoranthene	14.87	252	875214	42.484	ng		98
90) Benzo(a)pyrene	15.19	252	855312	41.933	ng		99
91) Dibenzo(a,h)anthracene	16.62	278	734187	38.491	ng		99
92) Benzo(g,h,i)perylene	17.02	276	765891	39.339	ng		99

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

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