Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112766.D
Acq On : 28 Feb 2019 17:37
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/1/2019 3:00:06 PM

Quant Time: Mar 01 06:22:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	206900	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	810893	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	379853	20.00	ng	0.01
64) Phenanthrene-d10	11.26	188	713637	20.00	ng	0.01
76) Chrysene-d12	13.89	240	423429	20.00	ng	0.01
87) Perylene-d12	15.29	264	411271	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1031234	77.53	ng	0.00
7) Phenol-d6	6.38	99	1288545	77.12	ng	0.01
23) Nitrobenzene-d5	7.31	82	1127137	83.17	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	353975	87.78	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1910608	86.56	ng	0.00
79) Terphenyl-d14	12.84	244	1845077	84.47	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.44	88	247483	37.119	ng	97
3) Pyridine	3.15	79	665588	37.314	ng	99
4) n-Nitrosodimethylamine	3.09	42	288269	36.944	ng	97
6) Aniline	6.41	93	870974	37.871	ng	98
8) 2-Chlorophenol	6.53	128	590316	39.870	ng	94
9) Benzaldehyde	6.29	77	451066	37.468	ng	99
10) Phenol	6.39	94	754814	38.714	ng	96
11) bis(2-Chloroethyl)ether	6.49	93	563913	37.682	ng	94
12) 1,3-Dichlorobenzene	6.69	146	608276	39.769	ng	99
13) 1,4-Dichlorobenzene	6.76	146	607645	39.615	ng	99
14) 1,2-Dichlorobenzene	6.92	146	563619	40.083	ng	98
15) Benzyl Alcohol	6.89	79	505272	39.659	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	912903	36.554	ng	99
17) 2-Methylphenol	7.00	107	468472	39.002	ng	97
18) Hexachloroethane	7.26	117	233347	39.714	ng	95
19) n-Nitroso-di-n-propylamine	7.17	70	383792	36.269	ng	97
20) 3+4-Methylphenols	7.16	107	527478	38.897	ng	93
22) Acetophenone	7.16	105	770364	40.629	ng	99
24) Nitrobenzene	7.33	77	606994	40.244	ng	100
25) Isophorone	7.57	82	1086262	37.208	ng	100
26) 2-Nitrophenol	7.65	139	306122	48.756	ng	98
27) 2,4-Dimethylphenol	7.69	122	456592	39.089	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	707035	38.735	ng	100
29) 2,4-Dichlorophenol	7.89	162	467358	41.259	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	502158	41.258	ng	98
31) Naphthalene	8.05	128	1587899	39.442	ng	100
32) Benzoic acid	7.81	122	376700	46.013	ng	94
33) 4-Chloroaniline	8.10	127	687206	40.301	ng	99
34) Hexachlorobutadiene	8.17	225	295420	43.038	ng	99
35) Caprolactam	8.47	113	156684m	39.273	ng	
36) 4-Chloro-3-methylphenol	8.58	107	493892	39.398	ng	97
37) 2-Methylnaphthalene	8.74	142	1032881	39.728	ng	100
38) 1-Methylnaphthalene	8.84	142	996009	39.548	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	467517	42.206	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	267440	44.090	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	325189	42.656	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	348019	42.235	ng		98
46) 1,1'-Biphenyl	9.20	154	1265366	40.841	ng		100
47) 2-Chloronaphthalene	9.23	162	963725	39.836	ng		99
48) 2-Nitroaniline	9.32	65	318791	43.353	ng		96
49) Acenaphthylene	9.64	152	1591565	38.752	ng		100
50) Dimethylphthalate	9.50	163	1093937	39.057	ng		99
51) 2,6-Dinitrotoluene	9.56	165	251891	43.188	ng	#	83
52) Acenaphthene	9.82	154	949598	39.537	ng		98
53) 3-Nitroaniline	9.73	138	296897	41.775	ng		96
54) 2,4-Dinitrophenol	9.83	184	110162	48.904	ng		97
55) Dibenzofuran	9.99	168	1345659	38.549	ng		97
56) 4-Nitrophenol	9.89	139	241373	41.789	ng		92
57) 2,4-Dinitrotoluene	9.96	165	326762	45.071	ng		92
58) Fluorene	10.33	166	973365	39.287	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	289532	42.174	ng		98
60) Diethylphthalate	10.20	149	1102409	37.267	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	475129	41.218	ng		97
62) 4-Nitroaniline	10.34	138	279872	42.616	ng		94
63) Azobenzene	10.48	77	1110716	36.658	ng		94
65) 4,6-Dinitro-2-methylphenol	10.37	198	137084	46.871	ng	#	75
66) n-Nitrosodiphenylamine	10.43	169	923597	40.355	ng		100
67) 4-Bromophenyl-phenylether	10.80	248	322087	42.849	ng		97
68) Hexachlorobenzene	10.87	284	364462	43.013	ng		95
69) Atrazine	10.96	200	284607	40.603	ng		98
70) Pentachlorophenol	11.06	266	222746	44.664	ng		98
71) Phenanthrene	11.28	178	1459975	41.119	ng		99
72) Anthracene	11.33	178	1477384	39.749	ng		100
73) Carbazole	11.49	167	1394186	38.453	ng		99
74) Di-n-butylphthalate	11.82	149	1672623	38.474	ng		100
75) Fluoranthene	12.46	202	1489613	39.158	ng		99
77) Benzidine	12.58	184	868734	39.545	ng		99
78) Pyrene	12.69	202	1511972	42.357	ng		100
80) Butylbenzylphthalate	13.32	149	636112	40.372	ng		90
81) Benzo(a)anthracene	13.87	228	1105295	37.664	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	459307	41.383	ng		98
83) Chrysene	13.91	228	1095707	38.117	ng		99
84) Bis(2-ethylhexyl)phthalate	13.88	149	719497	38.931	ng		100
85) Di-n-octyl phthalate	14.49	149	1241472	39.120	ng		97
86) Indeno(1,2,3-cd)pyrene	16.66	276	1112064	45.378	ng		96
88) Benzo(b)fluoranthene	14.89	252	998016	37.516	ng		98
89) Benzo(k)fluoranthene	14.92	252	933196	38.728	ng		97
90) Benzo(a)pyrene	15.23	252	925325	39.325	ng		99
91) Dibenzo(a,h)anthracene	16.68	278	910332	45.338	ng		98
92) Benzo(g,h,i)perylene	17.07	276	924505	45.855	ng		96

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

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