Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113842.D
Acq On : 19 Apr 2019 4:11
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 19 04:57:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149972	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	516963	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	232009	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	481768	20.00	ng	0.00
76) Chrysene-d12	14.05	240	529509	20.00	ng	0.00
87) Perylene-d12	15.52	264	402971	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	783219	86.84	ng	0.00
7) Phenol-d6	6.52	99	902430	80.23	ng	0.00
23) Nitrobenzene-d5	7.46	82	751306	88.50	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	233547	91.11	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1306564	85.88	ng	0.00
79) Terphenyl-d14	13.00	244	1809046	71.64	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.67	88	194526	43.344	ng	99
3) Pyridine	3.43	79	526285	42.620	ng	98
4) n-Nitrosodimethylamine	3.37	42	180194	41.811	ng	99
6) Aniline	6.56	93	609069	38.159	ng	99
8) 2-Chlorophenol	6.68	128	414043	40.903	ng	98
9) Benzaldehyde	6.45	77	274813	43.228	ng	96
10) Phenol	6.53	94	508529	40.331	ng	96
11) bis(2-Chloroethyl)ether	6.63	93	409887	40.045	ng	99
12) 1,3-Dichlorobenzene	6.84	146	462629	41.135	ng	99
13) 1,4-Dichlorobenzene	6.92	146	468976	41.680	ng	99
14) 1,2-Dichlorobenzene	7.07	146	429556	41.426	ng	98
15) Benzyl Alcohol	7.03	79	347645	38.153	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	478781	38.563	ng	99
17) 2-Methylphenol	7.14	107	315731	38.185	ng	99
18) Hexachloroethane	7.42	117	143196	35.487	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	271827	36.206	ng	96
20) 3+4-Methylphenols	7.29	107	391384	39.396	ng	94
22) Acetophenone	7.30	105	508388	43.163	ng	99
24) Nitrobenzene	7.47	77	408231	42.787	ng	99
25) Isophorone	7.72	82	700733	39.867	ng	100
26) 2-Nitrophenol	7.79	139	165329	43.619	ng	99
27) 2,4-Dimethylphenol	7.83	122	278006	38.416	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	460780	41.254	ng	99
29) 2,4-Dichlorophenol	8.03	162	311194	40.358	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	358441	41.849	ng	99
31) Naphthalene	8.20	128	1020175	41.721	ng	99
32) Benzoic acid	7.92	122	157248	34.687	ng	97
33) 4-Chloroaniline	8.25	127	415879	40.091	ng	96
34) Hexachlorobutadiene	8.33	225	232026	44.339	ng	97
35) Caprolactam	8.60	113	91148	36.619	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	284549	37.216	ng	99
37) 2-Methylnaphthalene	8.89	142	629787	38.819	ng	99
38) 1-Methylnaphthalene	8.99	142	610651	38.789	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	330232	44.852	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	33877	8.370	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	200213	42.245	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	220439	43.100	ng		95
46) 1,1'-Biphenyl	9.36	154	771725	43.957	ng		98
47) 2-Chloronaphthalene	9.38	162	614642	42.767	ng		99
48) 2-Nitroaniline	9.46	65	171127	45.758	ng		99
49) Acenaphthylene	9.79	152	968024	43.064	ng		98
50) Dimethylphthalate	9.65	163	708466	43.634	ng		99
51) 2,6-Dinitrotoluene	9.70	165	143730	40.111	ng	#	88
52) Acenaphthene	9.97	154	537115	40.736	ng		97
53) 3-Nitroaniline	9.87	138	173756	45.794	ng		95
54) 2,4-Dinitrophenol	9.97	184	6014	12.902	ng	#	1
55) Dibenzofuran	10.14	168	838586	42.457	ng		99
56) 4-Nitrophenol	10.02	139	131624	42.627	ng		99
57) 2,4-Dinitrotoluene	10.11	165	176734	39.755	ng		98
58) Fluorene	10.48	166	629138	42.700	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	186246	42.674	ng		100
60) Diethylphthalate	10.35	149	667681	42.907	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	329589	43.683	ng		95
62) 4-Nitroaniline	10.48	138	174252	47.742	ng		96
63) Azobenzene	10.63	77	648632	40.564	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	12839	12.445	ng		99
66) n-Nitrosodiphenylamine	10.59	169	565021	38.690	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	221280	39.113	ng		94
68) Hexachlorobenzene	11.03	284	253045	40.671	ng		94
69) Atrazine	11.11	200	170891	37.822	ng		99
70) Pentachlorophenol	11.22	266	156210	44.288	ng		97
71) Phenanthrene	11.44	178	1029526	41.958	ng		100
72) Anthracene	11.49	178	1038495	42.001	ng		100
73) Carbazole	11.64	167	966743	43.064	ng		99
74) Di-n-butylphthalate	11.97	149	1094308	43.799	ng		100
75) Fluoranthene	12.63	202	1236475	47.549	ng		98
77) Benzidine	12.74	184	773232	56.119	ng		99
78) Pyrene	12.86	202	1271432	34.070	ng		99
80) Butylbenzylphthalate	13.47	149	532439	38.516	ng		98
81) Benzo(a)anthracene	14.04	228	1226162	39.614	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	535656	48.690	ng		98
83) Chrysene	14.08	228	1214857	39.543	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	725446	43.866	ng		100
85) Di-n-octyl phthalate	14.64	149	1303786	50.811	ng		100
86) Indeno(1,2,3-cd)pyrene	17.00	276	891006	35.526	ng		99
88) Benzo(b)fluoranthene	15.09	252	1049515	41.778	ng		100
89) Benzo(k)fluoranthene	15.12	252	971899	42.477	ng		100
90) Benzo(a)pyrene	15.46	252	899198	40.481	ng		100
91) Dibenzo(a,h)anthracene	17.02	278	750543	37.974	ng		99
92) Benzo(g,h,i)perylene	17.44	276	696265	34.659	ng		99

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

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