Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\
Data File : BF113285.D
Acq On : 25 Mar 2019 18:00
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 26 04:00:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	157834	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	687736	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	331647	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	665011	20.00	ng	0.00
76) Chrysene-d12	13.84	240	517641	20.00	ng	0.00
87) Perylene-d12	15.24	264	465003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	736496	76.30	ng	0.00
7) Phenol-d6	6.35	99	991864	81.23	ng	0.00
23) Nitrobenzene-d5	7.27	82	866742	74.80	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	324927	79.32	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1679841	77.92	ng	0.00
79) Terphenyl-d14	12.79	244	1859934	79.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	194423	39.698	ng	99
3) Pyridine	3.06	79	498474	41.287	ng	98
4) n-Nitrosodimethylamine	3.00	42	207299	38.622	ng	95
6) Aniline	6.37	93	616970	41.489	ng	89
8) 2-Chlorophenol	6.49	128	462679	41.276	ng	98
9) Benzaldehyde	6.25	77	343545	41.925	ng	99
10) Phenol	6.36	94	567156	40.683	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	440015	41.176	ng	97
12) 1,3-Dichlorobenzene	6.65	146	486015	40.223	ng	99
13) 1,4-Dichlorobenzene	6.72	146	470399	40.321	ng	99
14) 1,2-Dichlorobenzene	6.87	146	433199	37.743	ng	99
15) Benzyl Alcohol	6.85	79	317314	39.389	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	667207	41.562	ng	96
17) 2-Methylphenol	6.97	107	352835	40.165	ng	97
18) Hexachloroethane	7.22	117	170599	40.713	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	295602	38.538	ng	97
20) 3+4-Methylphenols	7.13	107	431806	42.354	ng	95
22) Acetophenone	7.12	105	579869	36.972	ng	100
24) Nitrobenzene	7.29	77	456982	37.795	ng	95
25) Isophorone	7.53	82	847577	37.745	ng	97
26) 2-Nitrophenol	7.60	139	249726	39.074	ng	97
27) 2,4-Dimethylphenol	7.65	122	357992	38.939	ng	100
28) bis(2-Chloroethoxy)methane	7.74	93	560373	39.628	ng	99
29) 2,4-Dichlorophenol	7.85	162	401804	40.330	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	431024	40.099	ng	98
31) Naphthalene	8.01	128	1333434	39.676	ng	100
32) Benzoic acid	7.79	122	222050	30.005	ng	99
33) 4-Chloroaniline	8.06	127	552595	42.166	ng	98
34) Hexachlorobutadiene	8.13	225	260533	40.781	ng	98
35) Caprolactam	8.43	113	133714	41.818	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	411731	41.088	ng	98
37) 2-Methylnaphthalene	8.70	142	875472	41.748	ng	99
38) 1-Methylnaphthalene	8.80	142	839544	41.622	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	418444	39.306	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	169208	37.551 ng		100
43) 2,4,6-Trichlorophenol	8.98	196	267624	38.604 ng		97
44) 2,4,5-Trichlorophenol	9.03	196	299167	38.994 ng		98
46) 1,1'-Biphenyl	9.16	154	1078395	38.933 ng		99
47) 2-Chloronaphthalene	9.19	162	829745	38.906 ng		99
48) 2-Nitroaniline	9.29	65	265266	39.635 ng		94
49) Acenaphthylene	9.60	152	1370027	39.730 ng		99
50) Dimethylphthalate	9.47	163	967288	39.356 ng		100
51) 2,6-Dinitrotoluene	9.53	165	221409	39.932 ng		95
52) Acenaphthene	9.77	154	761948	39.236 ng		99
53) 3-Nitroaniline	9.69	138	253749	40.582 ng		93
54) 2,4-Dinitrophenol	9.80	184	103002	37.350 ng		93
55) Dibenzofuran	9.94	168	1149559	39.377 ng		99
56) 4-Nitrophenol	9.87	139	177455	39.807 ng		92
57) 2,4-Dinitrotoluene	9.93	165	283015	40.138 ng		95
58) Fluorene	10.29	166	878230	38.724 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	259082	39.933 ng		98
60) Diethylphthalate	10.16	149	935118	38.785 ng		98
61) 4-Chlorophenyl-phenylether	10.27	204	432980	39.172 ng		97
62) 4-Nitroaniline	10.30	138	263512	40.932 ng		97
63) Azobenzene	10.43	77	910729	40.127 ng		97
65) 4,6-Dinitro-2-methylphenol	10.34	198	141589	38.920 ng		87
66) n-Nitrosodiphenylamine	10.40	169	798979	39.154 ng		100
67) 4-Bromophenyl-phenylether	10.76	248	290987	40.147 ng		96
68) Hexachlorobenzene	10.83	284	336959	40.051 ng	#	94
69) Atrazine	10.92	200	259765	40.331 ng		96
70) Pentachlorophenol	11.03	266	174648	39.844 ng		100
71) Phenanthrene	11.24	178	1301908	39.422 ng		99
72) Anthracene	11.29	178	1337112	39.861 ng		99
73) Carbazole	11.45	167	1288445	40.253 ng		100
74) Di-n-butylphthalate	11.78	149	1476066	39.767 ng		99
75) Fluoranthene	12.42	202	1436717	38.483 ng		99
77) Benzidine	12.55	184	792525	39.980 ng		97
78) Pyrene	12.65	202	1484550	41.386 ng		100
80) Butylbenzylphthalate	13.27	149	635598	40.206 ng		94
81) Benzo(a)anthracene	13.83	228	1187782	40.086 ng		99
82) 3,3'-Dichlorobenzidine	13.80	252	497861	41.883 ng		99
83) Chrysene	13.87	228	1226756	40.761 ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	768368	39.648 ng		99
85) Di-n-octyl phthalate	14.43	149	1372692	41.729 ng		100
86) Indeno(1,2,3-cd)pyrene	16.59	276	1022035	39.568 ng		98
88) Benzo(b)fluoranthene	14.85	252	1205400	41.730 ng		100
89) Benzo(k)fluoranthene	14.87	252	961209	37.892 ng		99
90) Benzo(a)pyrene	15.19	252	1001554	39.110 ng		100
91) Dibenzo(a,h)anthracene	16.60	278	838425	37.865 ng		100
92) Benzo(g,h,i)perylene	17.00	276	842065	37.717 ng		97

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

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