Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
Data File : BF112645.D
Acq On : 21 Feb 2019 11:49
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 21 13:01:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 21 12:57:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	121399	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	472037	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	249368	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	479661	20.00	ng		0.00
76) Chrysene-d12	14.00	240	370818	20.00	ng		0.00
87) Perylene-d12	15.47	264	298556	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	541015	94.66	ng		0.00
7) Phenol-d6	6.48	99	672917	84.73	ng		0.00
23) Nitrobenzene-d5	7.39	82	672962	82.15	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	243593	83.92	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1399424	79.37	ng		0.00
79) Terphenyl-d14	12.93	244	1621009	82.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	103005	45.241	ng		93
3) Pyridine	3.32	79	263479	45.494	ng		98
4) n-Nitrosodimethylamine	3.29	42	115568	47.496	ng	#	88
6) Aniline	6.49	93	399363	42.272	ng	#	69
8) 2-Chlorophenol	6.62	128	316934	41.221	ng		99
9) Benzaldehyde	6.38	77	158050	38.075	ng		96
10) Phenol	6.49	94	364205	41.800	ng		86
11) bis(2-Chloroethyl)ether	6.56	93	277013	40.383	ng		99
12) 1,3-Dichlorobenzene	6.76	146	351416	39.246	ng		97
13) 1,4-Dichlorobenzene	6.84	146	359377	38.997	ng		98
14) 1,2-Dichlorobenzene	7.00	146	335988	38.941	ng		97
15) Benzyl Alcohol	6.98	79	273216	40.810	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	342154	38.848	ng	#	35
17) 2-Methylphenol	7.10	107	239865	39.354	ng	#	83
18) Hexachloroethane	7.33	117	133694	41.314	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	238140	43.486	ng		97
20) 3+4-Methylphenols	7.25	107	330316	42.381	ng	#	67
22) Acetophenone	7.24	105	473978	41.236	ng	#	95
24) Nitrobenzene	7.42	77	329752	40.304	ng		97
25) Isophorone	7.65	82	544630	42.377	ng		98
26) 2-Nitrophenol	7.73	139	183296	41.921	ng	#	91
27) 2,4-Dimethylphenol	7.77	122	245381	40.733	ng		93
28) bis(2-Chloroethoxy)methane	7.85	93	362019	41.369	ng		98
29) 2,4-Dichlorophenol	7.98	162	275028	40.796	ng		95
30) 1,2,4-Trichlorobenzene	8.05	180	304888	39.345	ng		98
31) Naphthalene	8.13	128	877957	39.772	ng		99
32) Benzoic acid	7.94	122	160514	46.711	ng		95
33) 4-Chloroaniline	8.19	127	390601	40.638	ng		99
34) Hexachlorobutadiene	8.24	225	183348	40.320	ng		100
35) Caprolactam	8.57	113	96906	40.747	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	304646	42.688	ng		98
37) 2-Methylnaphthalene	8.82	142	617230	40.844	ng		97
38) 1-Methylnaphthalene	8.92	142	595725	41.129	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	311057	37.991	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	110308	40.829 ng		99
43) 2,4,6-Trichlorophenol	9.11	196	193326	38.306 ng		97
44) 2,4,5-Trichlorophenol	9.16	196	194749	36.921 ng	#	93
46) 1,1'-Biphenyl	9.29	154	861405	39.513 ng		98
47) 2-Chloronaphthalene	9.31	162	650677	38.489 ng		93
48) 2-Nitroaniline	9.42	65	191059	41.464 ng		89
49) Acenaphthylene	9.73	152	955408	38.558 ng		98
50) Dimethylphthalate	9.59	163	766221	39.548 ng		98
51) 2,6-Dinitrotoluene	9.66	165	173006	39.871 ng	#	64
52) Acenaphthene	9.90	154	588179	39.736 ng		99
53) 3-Nitroaniline	9.83	138	186290	39.628 ng		89
54) 2,4-Dinitrophenol	9.96	184	61260	43.991 ng		87
55) Dibenzofuran	10.07	168	888925	39.298 ng		91
56) 4-Nitrophenol	10.03	139	86156	34.666 ng		91
57) 2,4-Dinitrotoluene	10.07	165	224265	40.598 ng	#	76
58) Fluorene	10.42	166	685967	40.525 ng		97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	165609	41.546 ng		95
60) Diethylphthalate	10.28	149	805156	41.876 ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	373256	40.537 ng	#	89
62) 4-Nitroaniline	10.46	138	172632	37.439 ng		92
63) Azobenzene	10.56	77	717227	42.415 ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	104181	38.739 ng		87
66) n-Nitrosodiphenylamine	10.52	169	662327	40.971 ng		99
67) 4-Bromophenyl-phenylether	10.89	248	224730	39.835 ng		92
68) Hexachlorobenzene	10.97	284	243976	40.309 ng		95
69) Atrazine	11.05	200	169788	32.550 ng		96
70) Pentachlorophenol	11.17	266	100995	42.883 ng		98
71) Phenanthrene	11.38	178	989397	39.676 ng		97
72) Anthracene	11.43	178	1005953	40.497 ng		99
73) Carbazole	11.59	167	982085	40.080 ng		99
74) Di-n-butylphthalate	11.90	149	1271108	41.794 ng		99
75) Fluoranthene	12.57	202	1009499	37.744 ng		99
77) Benzidine	12.69	184	399130	39.107 ng		96
78) Pyrene	12.80	202	1035470	40.333 ng		99
80) Butylbenzylphthalate	13.40	149	516624	41.592 ng		94
81) Benzo(a)anthracene	13.99	228	866406	39.746 ng		98
82) 3,3'-Dichlorobenzidine	13.94	252	326852	40.065 ng		99
83) Chrysene	14.03	228	820976	39.455 ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	703769	39.915 ng	#	96
85) Di-n-octyl phthalate	14.56	149	1083408	39.938 ng		98
86) Indeno(1,2,3-cd)pyrene	16.98	276	608774	36.923 ng		96
88) Benzo(b)fluoranthene	15.04	252	688957	38.586 ng		99
89) Benzo(k)fluoranthene	15.07	252	716093	41.871 ng		99
90) Benzo(a)pyrene	15.42	252	640351	39.858 ng		99
91) Dibenzo(a,h)anthracene	16.97	278	512718	39.598 ng		99
92) Benzo(g,h,i)perylene	17.42	276	484095	39.628 ng		94

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

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