Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114037.D
Acq On : 30 Apr 2019 12:55
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 30 22:57:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	144925	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	566652	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	303320	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	619876	20.00	ng		0.00
76) Chrysene-d12	14.06	240	508327	20.00	ng		0.00
87) Perylene-d12	15.56	264	513245	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	671340	79.23	ng		0.00
7) Phenol-d6	6.52	99	863464	81.22	ng		0.00
23) Nitrobenzene-d5	7.45	82	775945	84.55	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	298965	80.91	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1540940	79.46	ng		0.00
79) Terphenyl-d14	12.99	244	1967517	79.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	148555	37.192	ng		96
3) Pyridine	3.45	79	416203	38.175	ng		98
4) n-Nitrosodimethylamine	3.39	42	144598	38.744	ng		98
6) Aniline	6.55	93	585446	40.104	ng		99
8) 2-Chlorophenol	6.68	128	393791	40.706	ng		97
9) Benzaldehyde	6.44	77	236176	38.847	ng		95
10) Phenol	6.54	94	505643	39.777	ng		92
11) bis(2-Chloroethyl)ether	6.63	93	375497	39.253	ng		95
12) 1,3-Dichlorobenzene	6.83	146	439549	40.118	ng		99
13) 1,4-Dichlorobenzene	6.91	146	444726	40.356	ng		99
14) 1,2-Dichlorobenzene	7.06	146	413676	40.845	ng		100
15) Benzyl Alcohol	7.03	79	347819	48.579	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	418352	37.464	ng		96
17) 2-Methylphenol	7.14	107	312704	36.876	ng		98
18) Hexachloroethane	7.40	117	155506	40.254	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	273869	39.781	ng		99
20) 3+4-Methylphenols	7.29	107	388874	40.589	ng	#	88
22) Acetophenone	7.30	105	508469	40.323	ng	#	92
24) Nitrobenzene	7.47	77	421502	41.565	ng		97
25) Isophorone	7.71	82	749314	39.903	ng		99
26) 2-Nitrophenol	7.79	139	203243	43.933	ng		94
27) 2,4-Dimethylphenol	7.82	122	294224	39.035	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	478735	40.008	ng		99
29) 2,4-Dichlorophenol	8.03	162	351671	40.801	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	391361	40.722	ng		99
31) Naphthalene	8.20	128	1113663	41.371	ng		99
32) Benzoic acid	7.96	122	226860	44.569	ng		98
33) 4-Chloroaniline	8.24	127	462521	40.606	ng		98
34) Hexachlorobutadiene	8.32	225	240157	40.086	ng		98
35) Caprolactam	8.62	113	112530	41.042	ng		95
36) 4-Chloro-3-methylphenol	8.72	107	352578	41.289	ng		100
37) 2-Methylnaphthalene	8.89	142	743231	40.944	ng		98
38) 1-Methylnaphthalene	8.99	142	721655	41.189	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	394473	40.037	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	193445	35.208 ng		99
43) 2,4,6-Trichlorophenol	9.16	196	253094	40.453 ng		98
44) 2,4,5-Trichlorophenol	9.20	196	281717	40.144 ng		99
46) 1,1'-Biphenyl	9.35	154	943766	40.730 ng		98
47) 2-Chloronaphthalene	9.37	162	754923	40.063 ng		97
48) 2-Nitroaniline	9.46	65	209167	42.344 ng		96
49) Acenaphthylene	9.79	152	1205776	40.874 ng		99
50) Dimethylphthalate	9.65	163	895218	40.809 ng		99
51) 2,6-Dinitrotoluene	9.71	165	199578	42.407 ng		95
52) Acenaphthene	9.96	154	709147	40.677 ng		96
53) 3-Nitroaniline	9.87	138	209027	42.267 ng		100
54) 2,4-Dinitrophenol	9.98	184	82421	44.588 ng	#	2
55) Dibenzofuran	10.13	168	1063241	40.714 ng		98
56) 4-Nitrophenol	10.03	139	166986	42.646 ng		94
57) 2,4-Dinitrotoluene	10.11	165	265804	44.746 ng		96
58) Fluorene	10.47	166	816416	41.525 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	244283	39.612 ng		99
60) Diethylphthalate	10.35	149	853676	40.980 ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	421005	40.433 ng		97
62) 4-Nitroaniline	10.49	138	219157	45.411 ng		96
63) Azobenzene	10.63	77	819451	40.588 ng		94
65) 4,6-Dinitro-2-methylphenol	10.52	198	125527	44.763 ng		97
66) n-Nitrosodiphenylamine	10.58	169	727933	39.137 ng		99
67) 4-Bromophenyl-phenylether	10.95	248	284451	37.986 ng		96
68) Hexachlorobenzene	11.03	284	318769	38.738 ng		99
69) Atrazine	11.10	200	230977	38.175 ng		98
70) Pentachlorophenol	11.22	266	185781	39.875 ng		98
71) Phenanthrene	11.43	178	1255232	40.293 ng		100
72) Anthracene	11.49	178	1278123	40.629 ng		100
73) Carbazole	11.64	167	1166127	41.550 ng		100
74) Di-n-butylphthalate	11.97	149	1366563	41.393 ng		99
75) Fluoranthene	12.62	202	1374004	40.426 ng		99
77) Benzidine	12.73	184	563443	37.201 ng		98
78) Pyrene	12.85	202	1406026	39.553 ng		99
80) Butylbenzylphthalate	13.46	149	599912	42.893 ng		99
81) Benzo(a)anthracene	14.05	228	1331171	44.447 ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	515151	46.928 ng	#	99
83) Chrysene	14.09	228	1283729	44.011 ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	815447	45.825 ng		99
85) Di-n-octyl phthalate	14.67	149	1368080	49.117 ng		99
86) Indeno(1,2,3-cd)pyrene	17.06	276	1105732	40.021 ng		98
88) Benzo(b)fluoranthene	15.13	252	1297630	39.961 ng		99
89) Benzo(k)fluoranthene	15.16	252	1126461	40.328 ng		100
90) Benzo(a)pyrene	15.50	252	1129666	40.220 ng		99
91) Dibenzo(a,h)anthracene	17.07	278	911707	34.579 ng		99
92) Benzo(g,h,i)perylene	17.50	276	866719	32.574 ng		99

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

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