Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112719.D
Acq On : 27 Feb 2019 15:04
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 28 01:58:30 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	6.74	152	224202	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	892602	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	421046	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	821828	20.00	ng		0.00
76) Chrysene-d12	13.87	240	526586	20.00	ng		0.00
87) Perylene-d12	15.27	264	497054	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1106105	76.74	ng		0.00
7) Phenol-d6	6.37	99	1399205	77.28	ng		0.00
23) Nitrobenzene-d5	7.30	82	1231225	82.54	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	361749	80.93	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	2045935	83.09	ng		0.00
79) Terphenyl-d14	12.83	244	2123397	78.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	289531	40.074	ng		100
3) Pyridine	3.14	79	809023	41.855	ng		100
4) n-Nitrosodimethylamine	3.07	42	342058	40.454	ng		99
6) Aniline	6.40	93	976423	39.180	ng		100
8) 2-Chlorophenol	6.53	128	634044	39.518	ng		96
9) Benzaldehyde	6.29	77	511623	39.218	ng		99
10) Phenol	6.39	94	853434	40.394	ng		100
11) bis(2-Chloroethyl)ether	6.48	93	641297	39.546	ng		95
12) 1,3-Dichlorobenzene	6.68	146	651461	39.306	ng		99
13) 1,4-Dichlorobenzene	6.76	146	649645	39.084	ng		100
14) 1,2-Dichlorobenzene	6.92	146	594151	38.993	ng		99
15) Benzyl Alcohol	6.88	79	552949	40.052	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1068944	39.499	ng		99
17) 2-Methylphenol	6.99	107	512111	39.345	ng		99
18) Hexachloroethane	7.26	117	252836	39.710	ng		99
19) n-Nitroso-di-n-propylamine	7.16	70	450230	39.264	ng		99
20) 3+4-Methylphenols	7.15	107	565937	38.513	ng	#	88
22) Acetophenone	7.15	105	837277	40.116	ng		97
24) Nitrobenzene	7.32	77	676606	40.753	ng		99
25) Isophorone	7.57	82	1272783	39.606	ng		98
26) 2-Nitrophenol	7.64	139	302695	43.797	ng		99
27) 2,4-Dimethylphenol	7.68	122	508317	39.534	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	795735	39.604	ng		99
29) 2,4-Dichlorophenol	7.87	162	500535	40.143	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	531726	39.688	ng		99
31) Naphthalene	8.05	128	1718445	38.777	ng		99
32) Benzoic acid	7.80	122	314924	34.946	ng		93
33) 4-Chloroaniline	8.09	127	739795	39.414	ng		99
34) Hexachlorobutadiene	8.17	225	307321	40.673	ng		100
35) Caprolactam	8.46	113	180386	41.075	ng		94
36) 4-Chloro-3-methylphenol	8.57	107	552751	40.057	ng		99
37) 2-Methylnaphthalene	8.73	142	1123617	39.262	ng		99
38) 1-Methylnaphthalene	8.83	142	1091594	39.376	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	479135	39.023	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	268323	39.908	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	342399	40.520	ng		100
44) 2,4,5-Trichlorophenol	9.05	196	368320	40.326	ng		99
46) 1,1'-Biphenyl	9.20	154	1374697	40.029	ng		100
47) 2-Chloronaphthalene	9.22	162	1059154	39.497	ng		99
48) 2-Nitroaniline	9.31	65	354893	43.540	ng		97
49) Acenaphthylene	9.63	152	1760631	38.674	ng		99
50) Dimethylphthalate	9.50	163	1211433	39.021	ng		99
51) 2,6-Dinitrotoluene	9.56	165	277975	42.997	ng	#	85
52) Acenaphthene	9.80	154	1032096	38.768	ng		98
53) 3-Nitroaniline	9.72	138	329526	41.830	ng		96
54) 2,4-Dinitrophenol	9.82	184	96786	40.100	ng		95
55) Dibenzofuran	9.97	168	1484195	38.358	ng		100
56) 4-Nitrophenol	9.87	139	278875	43.558	ng		89
57) 2,4-Dinitrotoluene	9.95	165	363233	45.200	ng		98
58) Fluorene	10.32	166	1042169	37.949	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	311161	40.891	ng		98
60) Diethylphthalate	10.20	149	1286982	39.250	ng		100
61) 4-Chlorophenyl-phenylether	10.31	204	496301	38.842	ng		98
62) 4-Nitroaniline	10.33	138	305913	42.024	ng		96
63) Azobenzene	10.47	77	1301559	38.754	ng		99
65) 4,6-Dinitro-2-methylphenol	10.36	198	136859	41.247	ng		97
66) n-Nitrosodiphenylamine	10.43	169	1022711	38.803	ng		100
67) 4-Bromophenyl-phenylether	10.80	248	341082	39.403	ng		99
68) Hexachlorobenzene	10.87	284	390163	39.984	ng	#	90
69) Atrazine	10.96	200	312730	38.741	ng		98
70) Pentachlorophenol	11.05	266	235249	40.961	ng		97
71) Phenanthrene	11.27	178	1630895	39.886	ng		100
72) Anthracene	11.32	178	1652139	38.599	ng		100
73) Carbazole	11.47	167	1596796	38.243	ng		99
74) Di-n-butylphthalate	11.82	149	1937582	38.701	ng		100
75) Fluoranthene	12.45	202	1754297	40.045	ng		99
77) Benzidine	12.57	184	1069609	39.151	ng		96
78) Pyrene	12.68	202	1789014	40.300	ng		100
80) Butylbenzylphthalate	13.30	149	815809	41.633	ng		99
81) Benzo(a)anthracene	13.86	228	1458894	39.974	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	564406	40.890	ng		99
83) Chrysene	13.90	228	1423949	39.832	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	928951	40.417	ng		98
85) Di-n-octyl phthalate	14.48	149	1630196	41.306	ng		99
86) Indeno(1,2,3-cd)pyrene	16.62	276	1112582	36.506	ng		99
88) Benzo(b)fluoranthene	14.87	252	1358018	42.239	ng		99
89) Benzo(k)fluoranthene	14.90	252	1095603	37.621	ng		100
90) Benzo(a)pyrene	15.22	252	1136226	39.955	ng		99
91) Dibenzo(a,h)anthracene	16.64	278	912335	37.596	ng		99
92) Benzo(g,h,i)perylene	17.03	276	906767	37.213	ng		100

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

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