Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112348.D
Acq On : 1 Feb 2019 13:37
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 01 16:15:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	191589	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	717758	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	360045	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	704272	20.00	ng		0.00
76) Chrysene-d12	14.01	240	577481	20.00	ng		0.00
87) Perylene-d12	15.47	264	494637	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	822674	91.21	ng		-0.01
7) Phenol-d6	6.49	99	996331	79.49	ng		0.00
23) Nitrobenzene-d5	7.41	82	957590	76.87	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	334117	79.73	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1853760	72.82	ng		0.00
79) Terphenyl-d14	12.94	244	2125971	69.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	183532	51.078	ng		96
3) Pyridine	3.35	79	443595	48.533	ng		98
4) n-Nitrosodimethylamine	3.31	42	185474	48.300	ng	#	96
6) Aniline	6.50	93	603572	40.482	ng	#	66
8) 2-Chlorophenol	6.63	128	478461	39.431	ng		99
9) Benzaldehyde	6.39	77	255676	39.028	ng		95
10) Phenol	6.50	94	547773	39.836	ng		94
11) bis(2-Chloroethyl)ether	6.57	93	422754	39.050	ng		99
12) 1,3-Dichlorobenzene	6.78	146	547431	38.739	ng		99
13) 1,4-Dichlorobenzene	6.86	146	555331	38.184	ng		98
14) 1,2-Dichlorobenzene	7.01	146	518904	38.108	ng		96
15) Benzyl Alcohol	6.99	79	383174	36.266	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	526520	37.879	ng		76
17) 2-Methylphenol	7.10	107	354838	36.889	ng		93
18) Hexachloroethane	7.35	117	192275	37.649	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	315834	36.544	ng		97
20) 3+4-Methylphenols	7.26	107	460882	37.469	ng	#	86
22) Acetophenone	7.25	105	661702	37.860	ng		97
24) Nitrobenzene	7.43	77	474204	38.117	ng		95
25) Isophorone	7.66	82	742396	37.990	ng		99
26) 2-Nitrophenol	7.74	139	264253	39.746	ng		93
27) 2,4-Dimethylphenol	7.78	122	356027	38.867	ng		94
28) bis(2-Chloroethoxy)methane	7.87	93	506625	38.074	ng		98
29) 2,4-Dichlorophenol	7.99	162	404657	39.476	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	461113	39.134	ng		100
31) Naphthalene	8.15	128	1274853	37.981	ng		99
32) Benzoic acid	7.92	122	168852	32.316	ng		99
33) 4-Chloroaniline	8.19	127	566702	38.775	ng		97
34) Hexachlorobutadiene	8.26	225	266196	38.499	ng		99
35) Caprolactam	8.57	113	138456	38.288	ng		99
36) 4-Chloro-3-methylphenol	8.69	107	401867	37.033	ng		97
37) 2-Methylnaphthalene	8.83	142	863863	37.595	ng		98
38) 1-Methylnaphthalene	8.93	142	825975	37.503	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	448311	37.923	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	137898	36.627	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	274661	37.692	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	285137	37.440	ng		97
46) 1,1'-Biphenyl	9.30	154	1170105	37.174	ng		99
47) 2-Chloronaphthalene	9.33	162	909079	37.244	ng		97
48) 2-Nitroaniline	9.42	65	254682	38.281	ng		91
49) Acenaphthylene	9.74	152	1333108	37.262	ng		98
50) Dimethylphthalate	9.60	163	1033529	36.946	ng		99
51) 2,6-Dinitrotoluene	9.66	165	236328	37.722	ng	#	85
52) Acenaphthene	9.91	154	803803	37.610	ng		99
53) 3-Nitroaniline	9.84	138	263749	38.859	ng		98
54) 2,4-Dinitrophenol	9.95	184	65958	32.805	ng		98
55) Dibenzofuran	10.09	168	1212452	37.124	ng		97
56) 4-Nitrophenol	10.02	139	120735	33.646	ng		97
57) 2,4-Dinitrotoluene	10.07	165	306163	38.386	ng	#	90
58) Fluorene	10.43	166	909881	37.229	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	231112	40.157	ng		96
60) Diethylphthalate	10.29	149	1012697	36.480	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	494979	37.232	ng		97
62) 4-Nitroaniline	10.45	138	266855	40.084	ng		96
63) Azobenzene	10.57	77	914499	37.456	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	140249	35.519	ng		88
66) n-Nitrosodiphenylamine	10.53	169	876094	36.910	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	310314	37.463	ng		98
68) Hexachlorobenzene	10.98	284	332398	37.403	ng		98
69) Atrazine	11.06	200	275434	35.963	ng		98
70) Pentachlorophenol	11.18	266	130038	37.605	ng		99
71) Phenanthrene	11.39	178	1347110	36.792	ng		99
72) Anthracene	11.44	178	1378079	37.784	ng		99
73) Carbazole	11.60	167	1378360	38.312	ng		99
74) Di-n-butylphthalate	11.92	149	1578070	35.338	ng		99
75) Fluoranthene	12.58	202	1412531	35.969	ng		98
77) Benzidine	12.69	184	609785	38.365	ng		97
78) Pyrene	12.81	202	1458593	36.482	ng		99
80) Butylbenzylphthalate	13.41	149	673481	34.816	ng		90
81) Benzo(a)anthracene	14.00	228	1276571	37.604	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	495129	38.972	ng		98
83) Chrysene	14.03	228	1218745	37.610	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	938081	34.164	ng		97
85) Di-n-octyl phthalate	14.58	149	1476398	34.948	ng		99
86) Indeno(1,2,3-cd)pyrene	16.95	276	924252	35.996	ng		97
88) Benzo(b)fluoranthene	15.04	252	1085561	36.697	ng		99
89) Benzo(k)fluoranthene	15.07	252	1122519	39.616	ng		99
90) Benzo(a)pyrene	15.41	252	1000042	37.571	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	783445	36.521	ng		100
92) Benzo(g,h,i)perylene	17.39	276	738426	36.485	ng		97

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

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