Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116182.D
Acq On : 12 Aug 2019 10:42
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 12 15:00:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	141897	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	594718	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	322225	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	551869	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	417673	20.00	ng	0.00
87) Perylene-d12	15.47	264	444659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	739582	87.25	ng	-0.01
7) Phenol-d6	6.48	99	913017	85.37	ng	0.00
23) Nitrobenzene-d5	7.40	82	844734	81.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	256574	82.13	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1410173	81.97	ng	-0.01
79) Terphenyl-d14	12.94	244	1571986	79.31	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	173071	40.417	ng	99
3) Pyridine	3.35	79	462770	38.688	ng	99
4) n-Nitrosodimethylamine	3.31	42	179835	38.096	ng	97
6) Aniline	6.50	93	627805	40.992	ng	99
8) 2-Chlorophenol	6.63	128	413657	44.133	ng	99
9) Benzaldehyde	6.39	77	270095	36.604	ng	97
10) Phenol	6.49	94	532029	42.246	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	400635	43.270	ng	100
12) 1,3-Dichlorobenzene	6.77	146	455097	42.013	ng	100
13) 1,4-Dichlorobenzene	6.85	146	461857	42.583	ng	99
14) 1,2-Dichlorobenzene	7.01	146	424906	42.546	ng	99
15) Benzyl Alcohol	6.99	79	339034	41.774	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	534780	42.345	ng	94
17) 2-Methylphenol	7.10	107	339787	42.813	ng	98
18) Hexachloroethane	7.35	117	170312	42.650	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	283760	42.819	ng	98
20) 3+4-Methylphenols	7.25	107	413580	44.036	ng	92
22) Acetophenone	7.25	105	539091	41.332	ng	99
24) Nitrobenzene	7.42	77	467436	42.018	ng	100
25) Isophorone	7.66	82	841897	42.734	ng	99
26) 2-Nitrophenol	7.73	139	234121	44.645	ng	99
27) 2,4-Dimethylphenol	7.77	122	325406	41.245	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	525309	43.020	ng	99
29) 2,4-Dichlorophenol	7.98	162	361273	43.369	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	399118	42.031	ng	100
31) Naphthalene	8.14	128	1195471	42.717	ng	99
32) Benzoic acid	7.93	122	225001	40.451	ng	98
33) 4-Chloroaniline	8.19	127	512371	40.975	ng	99
34) Hexachlorobutadiene	8.26	225	229605	41.979	ng	99
35) Caprolactam	8.57	113	114253	42.406	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	378714	43.700	ng	97
37) 2-Methylnaphthalene	8.83	142	779396	42.286	ng	100
38) 1-Methylnaphthalene	8.93	142	746400	42.806	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	361730	41.991	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	128123	36.600 ng	98
43) 2,4,6-Trichlorophenol	9.12	196	236400	39.869 ng	100
44) 2,4,5-Trichlorophenol	9.16	196	243890	39.791 ng	99
46) 1,1'-Biphenyl	9.29	154	952049	41.850 ng	99
47) 2-Chloronaphthalene	9.32	162	777924	41.086 ng	100
48) 2-Nitroaniline	9.42	65	259773	41.508 ng	93
49) Acenaphthylene	9.73	152	1157974	41.921 ng	99
50) Dimethylphthalate	9.59	163	908415	41.405 ng	100
51) 2,6-Dinitrotoluene	9.66	165	200899	42.136 ng	93
52) Acenaphthene	9.91	154	701346	41.387 ng	100
53) 3-Nitroaniline	9.84	138	240011	40.739 ng	91
54) 2,4-Dinitrophenol	9.96	184	80174	37.645 ng	95
55) Dibenzofuran	10.08	168	978777	39.717 ng	99
56) 4-Nitrophenol	10.01	139	121225	32.121 ng	96
57) 2,4-Dinitrotoluene	10.07	165	247470	38.983 ng	97
58) Fluorene	10.42	166	805210	42.468 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	203561	39.476 ng	97
60) Diethylphthalate	10.29	149	853124	41.649 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	408535	42.544 ng	100
62) 4-Nitroaniline	10.45	138	245673	40.351 ng	98
63) Azobenzene	10.57	77	885680	42.038 ng	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	129711	44.353 ng	85
66) n-Nitrosodiphenylamine	10.53	169	714155	42.994 ng	99
67) 4-Bromophenyl-phenylether	10.90	248	251961	42.649 ng	97
68) Hexachlorobenzene	10.98	284	287185	42.039 ng	93
69) Atrazine	11.06	200	203311	37.205 ng	98
70) Pentachlorophenol	11.17	266	109625	33.053 ng	98
71) Phenanthrene	11.39	178	1182359	41.909 ng	100
72) Anthracene	11.44	178	1199230	42.001 ng	100
73) Carbazole	11.59	167	1129328	43.596 ng	99
74) Di-n-butylphthalate	11.91	149	1328975	43.979 ng	99
75) Fluoranthene	12.57	202	1241712	42.041 ng	98
77) Benzidine	12.69	184	540976	38.338 ng	99
78) Pyrene	12.80	202	1271213	40.375 ng	99
80) Butylbenzylphthalate	13.41	149	571848	42.937 ng	99
81) Benzo(a)anthracene	13.99	228	1141491	42.759 ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	401379	43.277 ng	99
83) Chrysene	14.03	228	1104158	42.602 ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	788984	45.588 ng	98
85) Di-n-octyl phthalate	14.59	149	1274088	46.348 ng	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	968360	44.485 ng	100
88) Benzo(b)fluoranthene	15.05	252	1045926	40.681 ng	99
89) Benzo(k)fluoranthene	15.08	252	1021085	40.774 ng	99
90) Benzo(a)pyrene	15.42	252	954099	41.512 ng	99
91) Dibenzo(a,h)anthracene	16.96	278	804674	40.447 ng	98
92) Benzo(g,h,i)perylene	17.40	276	758681	38.830 ng	98

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

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