Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114622.D
Acq On : 25 May 2019 23:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: May 26 23:49:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	147166	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	587219	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	283419	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	577364	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	396660	20.00	ng		-0.02
87) Perylene-d12	15.43	264	387185	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	746887	81.67	ng		-0.02
7) Phenol-d6	6.45	99	916618	84.75	ng		-0.01
23) Nitrobenzene-d5	7.37	82	866960	82.85	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	233985	79.86	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1540517	82.22	ng		-0.02
79) Terphenyl-d14	12.90	244	1634815	84.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	171293	34.078	ng		99
3) Pyridine	3.25	79	456489	32.961	ng		99
4) n-Nitrosodimethylamine	3.21	42	240479	36.008	ng		96
6) Aniline	6.47	93	640578	41.000	ng	#	82
8) 2-Chlorophenol	6.59	128	422170	43.243	ng		95
9) Benzaldehyde	6.36	77	258902	34.192	ng		98
10) Phenol	6.46	94	530884	41.724	ng	#	72
11) bis(2-Chloroethyl)ether	6.53	93	403599	41.782	ng		99
12) 1,3-Dichlorobenzene	6.74	146	461132	42.079	ng		98
13) 1,4-Dichlorobenzene	6.82	146	477524	43.243	ng		99
14) 1,2-Dichlorobenzene	6.97	146	438711	43.485	ng		98
15) Benzyl Alcohol	6.95	79	335401	39.759	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	732531	39.111	ng		59
17) 2-Methylphenol	7.07	107	324412	40.452	ng	#	92
18) Hexachloroethane	7.31	117	172849	41.700	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	279074	40.707	ng		98
20) 3+4-Methylphenols	7.22	107	424318	45.794	ng	#	86
22) Acetophenone	7.22	105	558660	42.945	ng	#	90
24) Nitrobenzene	7.39	77	447570	41.997	ng		98
25) Isophorone	7.63	82	795907	41.014	ng		99
26) 2-Nitrophenol	7.70	139	224992	43.514	ng		95
27) 2,4-Dimethylphenol	7.75	122	329772	40.609	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	518678	41.193	ng		99
29) 2,4-Dichlorophenol	7.96	162	347328	42.953	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	381855	41.528	ng		99
31) Naphthalene	8.10	128	1190750	43.411	ng		98
32) Benzoic acid	7.90	122	173574	32.613	ng		96
33) 4-Chloroaniline	8.16	127	540881	43.272	ng		97
34) Hexachlorobutadiene	8.22	225	218942	41.847	ng		99
35) Caprolactam	8.54	113	124925	47.379	ng		92
36) 4-Chloro-3-methylphenol	8.66	107	376031	46.198	ng		98
37) 2-Methylnaphthalene	8.80	142	780101	44.080	ng		97
38) 1-Methylnaphthalene	8.90	142	730373	43.824	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	360462	41.986	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	123522	33.537 ng		99
43) 2,4,6-Trichlorophenol	9.09	196	230753	39.076 ng		99
44) 2,4,5-Trichlorophenol	9.13	196	235233	38.842 ng		95
46) 1,1'-Biphenyl	9.26	154	987241	43.118 ng		97
47) 2-Chloronaphthalene	9.29	162	771148	41.849 ng		99
48) 2-Nitroaniline	9.39	65	284136	43.479 ng		97
49) Acenaphthylene	9.70	152	1186179	42.324 ng		99
50) Dimethylphthalate	9.56	163	896049	43.068 ng		99
51) 2,6-Dinitrotoluene	9.63	165	197823	42.868 ng		87
52) Acenaphthene	9.87	154	710310	41.302 ng		99
53) 3-Nitroaniline	9.80	138	244271	42.642 ng		99
54) 2,4-Dinitrophenol	9.93	184	83589	39.731 ng		95
55) Dibenzofuran	10.05	168	1021094	40.490 ng		99
56) 4-Nitrophenol	9.99	139	132119	32.613 ng		94
57) 2,4-Dinitrotoluene	10.05	165	249273	39.798 ng	#	80
58) Fluorene	10.39	166	857315	44.012 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	194604	37.241 ng		97
60) Diethylphthalate	10.26	149	898127	42.485 ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	411446	43.006 ng		97
62) 4-Nitroaniline	10.42	138	241957	40.196 ng		96
63) Azobenzene	10.54	77	846657	41.377 ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	119534	43.086 ng		99
66) n-Nitrosodiphenylamine	10.50	169	750597	42.835 ng		99
67) 4-Bromophenyl-phenylether	10.86	248	261022	41.060 ng		96
68) Hexachlorobenzene	10.95	284	293187	41.690 ng		93
69) Atrazine	11.02	200	225606	41.372 ng		97
70) Pentachlorophenol	11.15	266	98114	29.431 ng		97
71) Phenanthrene	11.35	178	1235641	43.989 ng		98
72) Anthracene	11.40	178	1248550	44.254 ng		99
73) Carbazole	11.56	167	1195177	44.424 ng		98
74) Di-n-butylphthalate	11.88	149	1377630	44.446 ng		100
75) Fluoranthene	12.54	202	1313884	43.436 ng		98
77) Benzidine	12.66	184	605250	33.992 ng		97
78) Pyrene	12.77	202	1336280	41.877 ng		99
80) Butylbenzylphthalate	13.37	149	587704	43.757 ng		100
81) Benzo(a)anthracene	13.96	228	1130007	44.045 ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	437130	43.921 ng		99
83) Chrysene	14.00	228	1093221	43.468 ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	781531	44.491 ng		100
85) Di-n-octyl phthalate	14.54	149	1252551	43.987 ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	1010565	45.466 ng		99
88) Benzo(b)fluoranthene	15.00	252	1078250	43.469 ng		100
89) Benzo(k)fluoranthene	15.03	252	950257	41.703 ng		99
90) Benzo(a)pyrene	15.37	252	921319	42.203 ng		99
91) Dibenzo(a,h)anthracene	16.89	278	817263	45.052 ng		100
92) Benzo(g,h,i)perylene	17.33	276	836780	46.029 ng		98

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

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