Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116235.D
Acq On : 13 Aug 2019 17:16
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 13 23:18:58 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	160377	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	672911	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	359704	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	609460	20.00	ng	0.00
76) Chrysene-d12	14.01	240	424416	20.00	ng	0.00
87) Perylene-d12	15.47	264	413922	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	835145	87.17	ng	-0.01
7) Phenol-d6	6.48	99	1011314	83.67	ng	0.00
23) Nitrobenzene-d5	7.40	82	943657	80.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	275542	79.01	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1504348	78.34	ng	-0.01
79) Terphenyl-d14	12.95	244	1660046	82.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	195012	40.294	ng	100
3) Pyridine	3.33	79	525791	38.891	ng	99
4) n-Nitrosodimethylamine	3.29	42	210971	39.543	ng	98
6) Aniline	6.50	93	684154	39.524	ng	93
8) 2-Chlorophenol	6.63	128	462065	43.617	ng	97
9) Benzaldehyde	6.39	77	321465	38.546	ng	99
10) Phenol	6.49	94	579413	40.707	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	451829	43.176	ng	99
12) 1,3-Dichlorobenzene	6.78	146	507404	41.444	ng	98
13) 1,4-Dichlorobenzene	6.85	146	509707	41.580	ng	99
14) 1,2-Dichlorobenzene	7.01	146	463631	41.074	ng	98
15) Benzyl Alcohol	6.99	79	367087	40.019	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	588519	41.230	ng	84
17) 2-Methylphenol	7.10	107	379178	42.271	ng	98
18) Hexachloroethane	7.35	117	191417	42.412	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	310532	41.459	ng	99
20) 3+4-Methylphenols	7.25	107	450733	42.462	ng	95
22) Acetophenone	7.25	105	587049	39.779	ng	99
24) Nitrobenzene	7.42	77	518774	41.214	ng	98
25) Isophorone	7.66	82	941266	42.226	ng	100
26) 2-Nitrophenol	7.74	139	260181	43.850	ng	96
27) 2,4-Dimethylphenol	7.77	122	362535	40.612	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	589220	42.647	ng	99
29) 2,4-Dichlorophenol	7.99	162	402897	42.745	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	442046	41.143	ng	99
31) Naphthalene	8.14	128	1302266	41.125	ng	99
32) Benzoic acid	7.95	122	261848	41.605	ng	99
33) 4-Chloroaniline	8.19	127	575715	40.691	ng	98
34) Hexachlorobutadiene	8.26	225	251600	40.655	ng	98
35) Caprolactam	8.59	113	128664	42.206	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	424545	43.296	ng	94
37) 2-Methylnaphthalene	8.83	142	859664	41.222	ng	99
38) 1-Methylnaphthalene	8.93	142	810138	41.063	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	399941	41.590	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	132477	34.337 ng		100
43) 2,4,6-Trichlorophenol	9.12	196	259007	39.130 ng		99
44) 2,4,5-Trichlorophenol	9.17	196	272012	39.755 ng		97
46) 1,1'-Biphenyl	9.30	154	1038393	40.890 ng		99
47) 2-Chloronaphthalene	9.32	162	862110	40.788 ng		99
48) 2-Nitroaniline	9.43	65	291069	41.663 ng		98
49) Acenaphthylene	9.74	152	1240863	40.241 ng		99
50) Dimethylphthalate	9.60	163	1009437	41.215 ng		99
51) 2,6-Dinitrotoluene	9.67	165	224826	42.241 ng		98
52) Acenaphthene	9.91	154	763021	40.335 ng		99
53) 3-Nitroaniline	9.84	138	267773	40.716 ng		98
54) 2,4-Dinitrophenol	9.96	184	85573	36.336 ng		93
55) Dibenzofuran	10.08	168	1056432	38.401 ng		98
56) 4-Nitrophenol	10.02	139	154004	36.555 ng		96
57) 2,4-Dinitrotoluene	10.07	165	267821	37.793 ng		93
58) Fluorene	10.43	166	873722	41.280 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	223897	38.895 ng		96
60) Diethylphthalate	10.30	149	951636	41.618 ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	442336	41.265 ng		97
62) 4-Nitroaniline	10.46	138	250209	36.814 ng		97
63) Azobenzene	10.57	77	980254	41.679 ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	144277	44.671 ng		88
66) n-Nitrosodiphenylamine	10.53	169	784398	42.760 ng		99
67) 4-Bromophenyl-phenylether	10.90	248	276077	42.315 ng		95
68) Hexachlorobenzene	10.98	284	311993	41.355 ng		98
69) Atrazine	11.06	200	215497	35.709 ng		98
70) Pentachlorophenol	11.18	266	127923	34.926 ng		98
71) Phenanthrene	11.39	178	1276363	40.966 ng		99
72) Anthracene	11.44	178	1317141	41.771 ng		99
73) Carbazole	11.59	167	1221997	42.716 ng		100
74) Di-n-butylphthalate	11.92	149	1417987	42.490 ng		99
75) Fluoranthene	12.58	202	1340078	41.084 ng		100
77) Benzidine	12.70	184	599878	41.837 ng		98
78) Pyrene	12.81	202	1360821	42.535 ng		100
80) Butylbenzylphthalate	13.41	149	603780	44.615 ng		96
81) Benzo(a)anthracene	14.00	228	1164038	42.910 ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	409189	43.418 ng		100
83) Chrysene	14.03	228	1125264	42.727 ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	811439	46.140 ng	#	98
85) Di-n-octyl phthalate	14.57	149	1280563	45.843 ng		100
86) Indeno(1,2,3-cd)pyrene	16.96	276	968744	43.796 ng		100
88) Benzo(b)fluoranthene	15.04	252	1053632	44.023 ng		99
89) Benzo(k)fluoranthene	15.07	252	880474	37.770 ng		98
90) Benzo(a)pyrene	15.42	252	907199	42.403 ng		98
91) Dibenzo(a,h)anthracene	16.96	278	792826	42.811 ng		100
92) Benzo(g,h,i)perylene	17.40	276	798103	43.881 ng		98

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

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