Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116196.D
Acq On : 12 Aug 2019 18:35
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 13 01:05:52 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	142087	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	583524	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	308284	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	518456	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	377652	20.00	ng		0.00
87) Perylene-d12	15.47	264	364123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	741961	87.42	ng		-0.01
7) Phenol-d6	6.47	99	908157	84.81	ng		-0.01
23) Nitrobenzene-d5	7.40	82	827882	81.90	ng		-0.01
42) 2,4,6-Tribromophenol	10.66	330	242991	81.30	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1349398	81.99	ng		-0.01
79) Terphenyl-d14	12.94	244	1484239	82.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	177702	41.443	ng		100
3) Pyridine	3.35	79	470591	39.289	ng		99
4) n-Nitrosodimethylamine	3.31	42	180265	38.136	ng		99
6) Aniline	6.50	93	618682	40.342	ng		98
8) 2-Chlorophenol	6.63	128	411924	43.889	ng		99
9) Benzaldehyde	6.39	77	274265	37.119	ng		98
10) Phenol	6.49	94	529472	41.987	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	397813	42.908	ng		97
12) 1,3-Dichlorobenzene	6.77	146	452827	41.747	ng		99
13) 1,4-Dichlorobenzene	6.85	146	462264	42.564	ng		99
14) 1,2-Dichlorobenzene	7.01	146	424239	42.423	ng		99
15) Benzyl Alcohol	6.98	79	334449	41.154	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	527130	41.683	ng		94
17) 2-Methylphenol	7.09	107	337338	42.447	ng		99
18) Hexachloroethane	7.35	117	169821	42.470	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	277848	41.871	ng		98
20) 3+4-Methylphenols	7.25	107	404323	42.992	ng		92
22) Acetophenone	7.25	105	530125	41.424	ng	#	98
24) Nitrobenzene	7.42	77	457602	41.923	ng		98
25) Isophorone	7.66	82	813596	42.090	ng		99
26) 2-Nitrophenol	7.73	139	229520	44.608	ng		99
27) 2,4-Dimethylphenol	7.77	122	319017	41.211	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	509784	42.549	ng		100
29) 2,4-Dichlorophenol	7.98	162	354280	43.345	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	392619	42.140	ng		99
31) Naphthalene	8.14	128	1158243	42.180	ng		100
32) Benzoic acid	7.93	122	212165	38.875	ng		98
33) 4-Chloroaniline	8.19	127	514904	41.968	ng		99
34) Hexachlorobutadiene	8.25	225	222983	41.550	ng		98
35) Caprolactam	8.57	113	109052	41.253	ng		96
36) 4-Chloro-3-methylphenol	8.68	107	364697	42.890	ng		95
37) 2-Methylnaphthalene	8.83	142	771217	42.645	ng		99
38) 1-Methylnaphthalene	8.93	142	722902	42.254	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	350622	42.543	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	121055	36.218 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	223196	39.345 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	235172	40.104 ng	99
46) 1,1'-Biphenyl	9.29	154	910099	41.815 ng	100
47) 2-Chloronaphthalene	9.32	162	753843	41.615 ng	99
48) 2-Nitroaniline	9.42	65	247567	41.347 ng	95
49) Acenaphthylene	9.73	152	1115125	42.195 ng	98
50) Dimethylphthalate	9.59	163	860006	40.971 ng	100
51) 2,6-Dinitrotoluene	9.66	165	191212	41.917 ng	95
52) Acenaphthene	9.90	154	673569	41.545 ng	99
53) 3-Nitroaniline	9.83	138	226067	40.108 ng	99
54) 2,4-Dinitrophenol	9.96	184	70243	35.132 ng	97
55) Dibenzofuran	10.08	168	948736	40.238 ng	99
56) 4-Nitrophenol	10.01	139	127937	35.432 ng	94
57) 2,4-Dinitrotoluene	10.07	165	238239	39.226 ng	97
58) Fluorene	10.42	166	770697	42.486 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	204951	41.543 ng	97
60) Diethylphthalate	10.29	149	810101	41.337 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	386905	42.114 ng	99
62) 4-Nitroaniline	10.45	138	231145	39.682 ng	98
63) Azobenzene	10.57	77	835031	41.426 ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	118585	43.161 ng	87
66) n-Nitrosodiphenylamine	10.53	169	672344	43.085 ng	99
67) 4-Bromophenyl-phenylether	10.90	248	240148	43.269 ng	99
68) Hexachlorobenzene	10.97	284	269660	42.018 ng	97
69) Atrazine	11.06	200	186405	36.310 ng	100
70) Pentachlorophenol	11.17	266	104227	33.451 ng	98
71) Phenanthrene	11.39	178	1121957	42.331 ng	100
72) Anthracene	11.44	178	1141986	42.574 ng	99
73) Carbazole	11.59	167	1063071	43.683 ng	100
74) Di-n-butylphthalate	11.91	149	1200682	42.294 ng	100
75) Fluoranthene	12.57	202	1161997	41.877 ng	98
77) Benzidine	12.69	184	496798	38.938 ng	98
78) Pyrene	12.80	202	1200629	42.175 ng	99
80) Butylbenzylphthalate	13.41	149	516564	42.897 ng	98
81) Benzo(a)anthracene	13.99	228	1020393	42.273 ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	358222	42.716 ng	97
83) Chrysene	14.03	228	1008313	43.027 ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	693999	44.349 ng	99
85) Di-n-octyl phthalate	14.57	149	1116623	44.924 ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	780911	39.676 ng	100
88) Benzo(b)fluoranthene	15.04	252	921167	43.753 ng	99
89) Benzo(k)fluoranthene	15.07	252	825968	40.278 ng	99
90) Benzo(a)pyrene	15.41	252	791394	42.049 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	652303	40.040 ng	98
92) Benzo(g,h,i)perylene	17.38	276	626846	39.179 ng	98

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

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