Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115457.D
Acq On : 10 Jul 2019 16:06
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 10 17:18:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	177205	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	734875	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	367824	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	716357	20.00	ng		0.00
76) Chrysene-d12	14.06	240	494062	20.00	ng		0.00
87) Perylene-d12	15.55	264	484549	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	881368	76.85	ng		0.00
7) Phenol-d6	6.52	99	1098962	75.34	ng		0.00
23) Nitrobenzene-d5	7.46	82	994355	79.95	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	336735	82.80	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1681586	80.22	ng		0.00
79) Terphenyl-d14	13.00	244	1951246	80.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	209773	37.288	ng		99
3) Pyridine	3.45	79	569807	36.629	ng		99
4) n-Nitrosodimethylamine	3.39	42	184778	29.292	ng		97
6) Aniline	6.56	93	771906	37.500	ng		99
8) 2-Chlorophenol	6.68	128	502894	38.831	ng		97
9) Benzaldehyde	6.44	77	350555	42.037	ng		97
10) Phenol	6.53	94	649748	37.230	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	483517	37.345	ng		98
12) 1,3-Dichlorobenzene	6.84	146	542651	38.246	ng		99
13) 1,4-Dichlorobenzene	6.91	146	548780	38.613	ng		98
14) 1,2-Dichlorobenzene	7.07	146	506901	38.523	ng		98
15) Benzyl Alcohol	7.03	79	442194	37.778	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	646833	35.730	ng		99
17) 2-Methylphenol	7.14	107	418477	37.718	ng		100
18) Hexachloroethane	7.41	117	202101	38.172	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	348967	35.362	ng		97
20) 3+4-Methylphenols	7.30	107	497195	37.937	ng		92
22) Acetophenone	7.30	105	652548	37.057	ng	#	96
24) Nitrobenzene	7.47	77	543845	38.717	ng		97
25) Isophorone	7.72	82	975618	36.188	ng		99
26) 2-Nitrophenol	7.79	139	275878	47.771	ng		97
27) 2,4-Dimethylphenol	7.83	122	385501	35.008	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	611325	36.773	ng		99
29) 2,4-Dichlorophenol	8.03	162	438721	40.000	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	478917	39.222	ng		99
31) Naphthalene	8.20	128	1403569	38.453	ng		100
32) Benzoic acid	7.95	122	217854	29.780	ng		98
33) 4-Chloroaniline	8.25	127	633431	38.894	ng		98
34) Hexachlorobutadiene	8.32	225	269928	38.981	ng		99
35) Caprolactam	8.62	113	137956	38.619	ng		95
36) 4-Chloro-3-methylphenol	8.72	107	450049	38.793	ng		97
37) 2-Methylnaphthalene	8.89	142	926341	37.968	ng		99
38) 1-Methylnaphthalene	8.99	142	886276	38.073	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	423635	40.034	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	238018	38.809	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	305682	39.679	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	325235	40.714	ng		96
46) 1,1'-Biphenyl	9.36	154	1116022	38.595	ng		99
47) 2-Chloronaphthalene	9.38	162	936107	39.169	ng		98
48) 2-Nitroaniline	9.47	65	300515	42.799	ng		93
49) Acenaphthylene	9.80	152	1421758	39.292	ng		99
50) Dimethylphthalate	9.66	163	1074254	38.911	ng		99
51) 2,6-Dinitrotoluene	9.71	165	252498	42.171	ng		95
52) Acenaphthene	9.97	154	895016	39.302	ng		99
53) 3-Nitroaniline	9.88	138	292849	42.111	ng		96
54) 2,4-Dinitrophenol	9.98	184	117298	49.588	ng	#	68
55) Dibenzofuran	10.14	168	1257137	39.189	ng		99
56) 4-Nitrophenol	10.03	139	230502	42.842	ng		96
57) 2,4-Dinitrotoluene	10.12	165	334312	43.935	ng		93
58) Fluorene	10.49	166	924040	36.541	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	279723	40.535	ng		99
60) Diethylphthalate	10.36	149	1040361	38.285	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	473788	38.387	ng		98
62) 4-Nitroaniline	10.50	138	288324	42.239	ng		98
63) Azobenzene	10.63	77	1030114	36.775	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	165199	48.137	ng		85
66) n-Nitrosodiphenylamine	10.59	169	870964	38.588	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	318141	39.579	ng		95
68) Hexachlorobenzene	11.03	284	356148	39.486	ng		94
69) Atrazine	11.12	200	283843	40.635	ng		100
70) Pentachlorophenol	11.22	266	228865	41.635	ng		98
71) Phenanthrene	11.45	178	1452674	38.558	ng		100
72) Anthracene	11.50	178	1469616	38.900	ng		100
73) Carbazole	11.65	167	1344946	38.914	ng		100
74) Di-n-butylphthalate	11.98	149	1600360	38.313	ng		99
75) Fluoranthene	12.63	202	1527804	38.514	ng		98
77) Benzidine	12.75	184	682627	35.431	ng		99
78) Pyrene	12.86	202	1544858	40.209	ng		99
80) Butylbenzylphthalate	13.48	149	679432	40.474	ng		94
81) Benzo(a)anthracene	14.05	228	1257443	39.722	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	477648	41.583	ng		99
83) Chrysene	14.09	228	1296715	39.867	ng		100
84) Bis(2-ethylhexyl)phthalate	14.04	149	813322	39.123	ng		99
85) Di-n-octyl phthalate	14.67	149	1403130	37.914	ng		97
86) Indeno(1,2,3-cd)pyrene	17.04	276	1147008	42.764	ng		100
88) Benzo(b)fluoranthene	15.12	252	1162231	36.840	ng		100
89) Benzo(k)fluoranthene	15.15	252	1123482	40.042	ng		99
90) Benzo(a)pyrene	15.49	252	1047052	38.479	ng		100
91) Dibenzo(a,h)anthracene	17.06	278	941499	40.490	ng		98
92) Benzo(g,h,i)perylene	17.50	276	922755	41.927	ng		100

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

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