Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115339.D
Acq On : 1 Jul 2019 15:36
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 02 08:19:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	201644	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	815903	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	399640	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	764440	20.00	ng		0.00
76) Chrysene-d12	13.73	240	532951	20.00	ng		0.01
87) Perylene-d12	15.09	264	670496	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	978155	74.86	ng		0.00
7) Phenol-d6	6.24	99	1180183	74.41	ng		0.00
23) Nitrobenzene-d5	7.17	82	1036925	78.18	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	350790	83.24	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	1891498	80.40	ng		0.00
79) Terphenyl-d14	12.69	244	2098669	83.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	220649	35.780	ng		98
3) Pyridine	2.80	79	598078	34.409	ng		98
4) n-Nitrosodimethylamine	2.74	42	225106	33.036	ng		97
6) Aniline	6.26	93	774921	35.551	ng	#	47
8) 2-Chlorophenol	6.38	128	562834	38.306	ng		98
9) Benzaldehyde	6.14	77	357564	34.557	ng		99
10) Phenol	6.26	94	667264	35.917	ng		77
11) bis(2-Chloroethyl)ether	6.34	93	513623	37.506	ng		100
12) 1,3-Dichlorobenzene	6.54	146	635311	38.961	ng		99
13) 1,4-Dichlorobenzene	6.62	146	640460	39.168	ng		99
14) 1,2-Dichlorobenzene	6.77	146	596718	39.406	ng		98
15) Benzyl Alcohol	6.75	79	431502	37.363	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	735923	37.051	ng		97
17) 2-Methylphenol	6.87	107	460750	37.991	ng		98
18) Hexachloroethane	7.12	117	225779	38.300	ng		95
19) n-Nitroso-di-n-propylamine	7.02	70	354423	34.905	ng		98
20) 3+4-Methylphenols	7.02	107	534141	38.142	ng	#	77
22) Acetophenone	7.01	105	712005	38.119	ng		96
24) Nitrobenzene	7.18	77	564134	38.608	ng		99
25) Isophorone	7.43	82	989490	36.418	ng		100
26) 2-Nitrophenol	7.50	139	315293	43.693	ng		97
27) 2,4-Dimethylphenol	7.55	122	446537	37.795	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	651879	37.959	ng		100
29) 2,4-Dichlorophenol	7.75	162	477781	39.186	ng		100
30) 1,2,4-Trichlorobenzene	7.83	180	541794	40.229	ng		99
31) Naphthalene	7.91	128	1576544	39.364	ng		100
32) Benzoic acid	7.67	122	258342	30.633	ng		97
33) 4-Chloroaniline	7.95	127	689063	37.645	ng		98
34) Hexachlorobutadiene	8.03	225	300400	40.702	ng		98
35) Caprolactam	8.33	113	149007	36.349	ng		99
36) 4-Chloro-3-methylphenol	8.44	107	469115	37.991	ng		100
37) 2-Methylnaphthalene	8.60	142	1059737	39.243	ng		98
38) 1-Methylnaphthalene	8.70	142	1000578	38.796	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	468478	41.483	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	228175	34.074 ng	99
43) 2,4,6-Trichlorophenol	8.88	196	339084	38.892 ng	98
44) 2,4,5-Trichlorophenol	8.91	196	367654	40.948 ng	99
46) 1,1'-Biphenyl	9.06	154	1244575	38.921 ng	99
47) 2-Chloronaphthalene	9.08	162	1033150	39.831 ng	99
48) 2-Nitroaniline	9.18	65	304896	40.319 ng	89
49) Acenaphthylene	9.50	152	1581486	39.134 ng	99
50) Dimethylphthalate	9.37	163	1162238	39.529 ng	100
51) 2,6-Dinitrotoluene	9.42	165	265749	39.149 ng	100
52) Acenaphthene	9.67	154	916768	36.253 ng	99
53) 3-Nitroaniline	9.58	138	304905	36.808 ng	100
54) 2,4-Dinitrophenol	9.69	184	137698	43.147 ng	92
55) Dibenzofuran	9.84	168	1366153	37.640 ng	99
56) 4-Nitrophenol	9.75	139	243321	36.639 ng	94
57) 2,4-Dinitrotoluene	9.82	165	355974	40.614 ng	92
58) Fluorene	10.18	166	986539	40.109 ng	99
59) 2,3,4,6-Tetrachlorophenol	9.95	232	302620	40.195 ng	97
60) Diethylphthalate	10.06	149	1115158	37.731 ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	484928	41.734 ng	98
62) 4-Nitroaniline	10.20	138	322168	38.768 ng	98
63) Azobenzene	10.33	77	1037652	37.588 ng	97
65) 4,6-Dinitro-2-methylphenol	10.23	198	173823	43.279 ng	97
66) n-Nitrosodiphenylamine	10.29	169	930976	39.090 ng	100
67) 4-Bromophenyl-phenylether	10.66	248	336412	40.590 ng	93
68) Hexachlorobenzene	10.72	284	369202	41.040 ng	97
69) Atrazine	10.82	200	307581	40.148 ng	98
70) Pentachlorophenol	10.91	266	228845	39.929 ng	98
71) Phenanthrene	11.13	178	1557841	37.850 ng	99
72) Anthracene	11.18	178	1593055	38.344 ng	99
73) Carbazole	11.34	167	1473787	39.725 ng	99
74) Di-n-butylphthalate	11.68	149	1727616	40.298 ng	99
75) Fluoranthene	12.31	202	1620751	39.467 ng	99
77) Benzidine	12.43	184	862196	36.433 ng	99
78) Pyrene	12.54	202	1643858	40.136 ng	100
80) Butylbenzylphthalate	13.17	149	754735	41.756 ng	95
81) Benzo(a)anthracene	13.72	228	1546347	40.437 ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	593163	42.953 ng	99
83) Chrysene	13.75	228	1477349	42.174 ng	100
84) Bis(2-ethylhexyl)phthalate	13.73	149	983582	41.529 ng	100
85) Di-n-octyl phthalate	14.34	149	1725186	43.354 ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	1817582	43.850 ng	99
88) Benzo(b)fluoranthene	14.72	252	1676255	40.066 ng	99
89) Benzo(k)fluoranthene	14.75	252	1343064	35.797 ng	98
90) Benzo(a)pyrene	15.04	252	1464987	38.851 ng	99
91) Dibenzo(a,h)anthracene	16.39	278	1458210	41.423 ng	99
92) Benzo(g,h,i)perylene	16.76	276	1504383	42.223 ng	98

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

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