Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119014.D
Acq On : 24 Feb 2020 10:17
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 25 00:21:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	211643	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	784391	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	437575	20.00	ng		0.00
64) Phenanthrene-d10	11.28	188	823071	20.00	ng		0.00
76) Chrysene-d12	13.92	240	588885	20.00	ng		0.01
87) Perylene-d12	15.34	264	568340	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1020106	80.55	ng		0.00
7) Phenol-d6	6.41	99	1270254	82.47	ng		0.00
23) Nitrobenzene-d5	7.33	82	1233997	83.06	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	490757	85.73	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	2309644	77.76	ng		0.00
79) Terphenyl-d14	12.86	244	2821953	82.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	207308	36.766	ng		99
3) Pyridine	3.17	79	601528	39.063	ng		99
4) n-Nitrosodimethylamine	3.13	42	195238	41.853	ng		96
6) Aniline	6.43	93	771227	40.580	ng	#	63
8) 2-Chlorophenol	6.55	128	578144	42.302	ng		97
9) Benzaldehyde	6.31	77	398676	38.743	ng		99
10) Phenol	6.42	94	673243	40.429	ng		87
11) bis(2-Chloroethyl)ether	6.50	93	549280	43.109	ng		100
12) 1,3-Dichlorobenzene	6.70	146	687558	41.973	ng		100
13) 1,4-Dichlorobenzene	6.77	146	688033	41.973	ng		98
14) 1,2-Dichlorobenzene	6.93	146	628083	42.013	ng		98
15) Benzyl Alcohol	6.91	79	490484	44.062	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	483467	43.803	ng		93
17) 2-Methylphenol	7.03	107	468499	42.280	ng		94
18) Hexachloroethane	7.27	117	251303	42.851	ng		95
19) n-Nitroso-di-n-propylamine	7.19	70	395950	44.118	ng		98
20) 3+4-Methylphenols	7.18	107	558004	41.104	ng	#	84
22) Acetophenone	7.17	105	758877	41.814	ng	#	97
24) Nitrobenzene	7.35	77	611242	41.607	ng		97
25) Isophorone	7.59	82	1103070	42.754	ng		99
26) 2-Nitrophenol	7.66	139	332312	42.692	ng		99
27) 2,4-Dimethylphenol	7.70	122	442448	41.882	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	710526	42.310	ng		100
29) 2,4-Dichlorophenol	7.91	162	521020	41.894	ng		99
30) 1,2,4-Trichlorobenzene	7.99	180	614545	41.677	ng		100
31) Naphthalene	8.06	128	1663329	40.888	ng		99
32) Benzoic acid	7.86	122	349223	45.679	ng		98
33) 4-Chloroaniline	8.12	127	727048	41.553	ng		100
34) Hexachlorobutadiene	8.19	225	383768	41.783	ng		98
35) Caprolactam	8.51	113	166910	43.586	ng		93
36) 4-Chloro-3-methylphenol	8.61	107	533582	42.393	ng		98
37) 2-Methylnaphthalene	8.76	142	1150778	42.036	ng		98
38) 1-Methylnaphthalene	8.86	142	1069043	41.522	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	605904	41.069	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	219778	45.514	ng		96
43) 2,4,6-Trichlorophenol	9.04	196	398325	42.755	ng		98
44) 2,4,5-Trichlorophenol	9.09	196	408719	41.807	ng		97
46) 1,1'-Biphenyl	9.22	154	1455660	41.161	ng		98
47) 2-Chloronaphthalene	9.25	162	1173704	41.184	ng		98
48) 2-Nitroaniline	9.35	65	345045	43.408	ng		95
49) Acenaphthylene	9.66	152	1693127	41.134	ng		100
50) Dimethylphthalate	9.53	163	1451301	43.374	ng		100
51) 2,6-Dinitrotoluene	9.59	165	317423	42.699	ng		96
52) Acenaphthene	9.83	154	1023424	41.235	ng		99
53) 3-Nitroaniline	9.76	138	349422	42.398	ng		97
54) 2,4-Dinitrophenol	9.87	184	144259	43.671	ng	#	90
55) Dibenzofuran	10.00	168	1510839	40.784	ng		99
56) 4-Nitrophenol	9.93	139	200141	40.419	ng		97
57) 2,4-Dinitrotoluene	9.99	165	401144	41.631	ng	#	87
58) Fluorene	10.35	166	1201441	41.737	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	351192	42.572	ng		98
60) Diethylphthalate	10.22	149	1367306	43.362	ng		99
61) 4-Chlorophenyl-phenylether	10.33	204	641624	42.109	ng		97
62) 4-Nitroaniline	10.37	138	359167	42.596	ng		97
63) Azobenzene	10.50	77	1161981	42.395	ng		96
65) 4,6-Dinitro-2-methylphenol	10.41	198	213975	42.962	ng		91
66) n-Nitrosodiphenylamine	10.46	169	1095539	40.650	ng		100
67) 4-Bromophenyl-phenylether	10.82	248	450370	41.861	ng		97
68) Hexachlorobenzene	10.90	284	514905	41.511	ng	#	92
69) Atrazine	10.99	200	346207	36.767	ng		100
70) Pentachlorophenol	11.09	266	213577	42.744	ng		98
71) Phenanthrene	11.30	178	1816784	40.475	ng		99
72) Anthracene	11.36	178	1797928	40.089	ng		99
73) Carbazole	11.51	167	1648067	41.248	ng		100
74) Di-n-butylphthalate	11.84	149	2094221	43.282	ng		99
75) Fluoranthene	12.49	202	1927827	40.462	ng		99
77) Benzidine	12.61	184	806722	33.684	ng		100
78) Pyrene	12.72	202	1939665	41.019	ng		99
80) Butylbenzylphthalate	13.33	149	901396	45.292	ng		98
81) Benzo(a)anthracene	13.91	228	1696007	42.269	ng		100
82) 3,3'-Dichlorobenzidine	13.87	252	675944	43.384	ng		99
83) Chrysene	13.95	228	1626553	40.683	ng		100
84) Bis(2-ethylhexyl)phthalate	13.89	149	1197950	47.646	ng		99
85) Di-n-octyl phthalate	14.50	149	1930077	48.179	ng		99
86) Indeno(1,2,3-cd)pyrene	16.77	276	1457086	37.639	ng		98
88) Benzo(b)fluoranthene	14.94	252	1753594	46.810	ng		100
89) Benzo(k)fluoranthene	14.97	252	1345041	38.743	ng		99
90) Benzo(a)pyrene	15.29	252	1398670	41.368	ng		99
91) Dibenzo(a,h)anthracene	16.77	278	1192217	40.076	ng		98
92) Benzo(g,h,i)perylene	17.19	276	1144150	38.925	ng		99

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

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