Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119209.D
Acq On : 5 Mar 2020 12:10
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 06 06:22:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	115156	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	437254	20.00	ng		-0.02
39) Acenaphthene-d10	9.76	164	245067	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	465619	20.00	ng		-0.02
76) Chrysene-d12	13.89	240	372280	20.00	ng		-0.01
87) Perylene-d12	15.32	264	377576	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	570647	82.81	ng		-0.01
7) Phenol-d6	6.39	99	677448	80.84	ng		-0.02
23) Nitrobenzene-d5	7.30	82	662940	80.05	ng		-0.02
42) 2,4,6-Tribromophenol	10.56	330	250564	78.16	ng		-0.02
45) 2-Fluorobiphenyl	9.09	172	1308170	78.64	ng		-0.02
79) Terphenyl-d14	12.83	244	1664449	76.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	112460	36.656	ng		99
3) Pyridine	3.11	79	317639	37.910	ng		98
4) n-Nitrosodimethylamine	3.05	42	104033	40.987	ng		98
6) Aniline	6.39	93	409870	39.637	ng	#	68
8) 2-Chlorophenol	6.52	128	307036	41.288	ng		99
9) Benzaldehyde	6.28	77	196117	35.027	ng		98
10) Phenol	6.40	94	377003	41.609	ng		99
11) bis(2-Chloroethyl)ether	6.46	93	279195	40.272	ng		97
12) 1,3-Dichlorobenzene	6.67	146	357595	40.121	ng		98
13) 1,4-Dichlorobenzene	6.75	146	360826	40.455	ng		98
14) 1,2-Dichlorobenzene	6.90	146	334686	41.145	ng		99
15) Benzyl Alcohol	6.88	79	260905	43.076	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	238146	39.655	ng	#	27
17) 2-Methylphenol	7.00	107	242522	40.225	ng	#	92
18) Hexachloroethane	7.23	117	130655	40.945	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	213157	43.651	ng		98
20) 3+4-Methylphenols	7.16	107	326184	44.160	ng	#	86
22) Acetophenone	7.14	105	418254	41.342	ng	#	94
24) Nitrobenzene	7.32	77	323540	39.507	ng		98
25) Isophorone	7.56	82	562123	39.085	ng		99
26) 2-Nitrophenol	7.63	139	170545	39.304	ng		97
27) 2,4-Dimethylphenol	7.68	122	232211	39.431	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	361146	38.578	ng		99
29) 2,4-Dichlorophenol	7.88	162	269466	38.869	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	314185	38.223	ng		99
31) Naphthalene	8.03	128	897178	39.564	ng		98
32) Benzoic acid	7.84	122	166549	40.045	ng		99
33) 4-Chloroaniline	8.09	127	382893	39.257	ng		99
34) Hexachlorobutadiene	8.15	225	199047	38.876	ng		98
35) Caprolactam	8.46	113	86516	40.529	ng		96
36) 4-Chloro-3-methylphenol	8.59	107	283580	40.418	ng		100
37) 2-Methylnaphthalene	8.72	142	606756	39.759	ng		98
38) 1-Methylnaphthalene	8.82	142	572902	39.918	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	317583	38.436	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	79163	32.625	ng		98
43) 2,4,6-Trichlorophenol	9.02	196	198061	37.959	ng		98
44) 2,4,5-Trichlorophenol	9.06	196	205188	37.475	ng		99
46) 1,1'-Biphenyl	9.19	154	777651	39.263	ng		98
47) 2-Chloronaphthalene	9.22	162	630766	39.519	ng		96
48) 2-Nitroaniline	9.32	65	186151	41.815	ng		96
49) Acenaphthylene	9.63	152	909644	39.460	ng		99
50) Dimethylphthalate	9.49	163	736491	39.301	ng		99
51) 2,6-Dinitrotoluene	9.56	165	162748	39.090	ng		91
52) Acenaphthene	9.80	154	548942	39.492	ng		99
53) 3-Nitroaniline	9.73	138	182968	39.641	ng		94
54) 2,4-Dinitrophenol	9.85	184	67453	37.695	ng	#	92
55) Dibenzofuran	9.97	168	813259	39.198	ng		99
56) 4-Nitrophenol	9.92	139	108664	39.184	ng		97
57) 2,4-Dinitrotoluene	9.97	165	210001	38.914	ng		96
58) Fluorene	10.32	166	674892	41.862	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	175620	38.012	ng		99
60) Diethylphthalate	10.19	149	716363	40.564	ng		100
61) 4-Chlorophenyl-phenylether	10.30	204	347628	40.736	ng		94
62) 4-Nitroaniline	10.35	138	191656	40.585	ng		95
63) Azobenzene	10.46	77	624154	40.661	ng		96
65) 4,6-Dinitro-2-methylphenol	10.39	198	110398	39.183	ng		93
66) n-Nitrosodiphenylamine	10.42	169	589271	38.651	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	230511	37.874	ng		93
68) Hexachlorobenzene	10.87	284	266530	37.983	ng		99
69) Atrazine	10.95	200	189121	35.504	ng		98
70) Pentachlorophenol	11.07	266	93458	33.063	ng		99
71) Phenanthrene	11.27	178	998862	39.337	ng		98
72) Anthracene	11.33	178	1001826	39.486	ng		98
73) Carbazole	11.49	167	899089	39.778	ng		98
74) Di-n-butylphthalate	11.81	149	1120715	40.944	ng		97
75) Fluoranthene	12.46	202	1091073	40.480	ng		99
77) Benzidine	12.58	184	524549	34.646	ng		100
78) Pyrene	12.69	202	1090317	36.473	ng		99
80) Butylbenzylphthalate	13.30	149	489722	38.924	ng		95
81) Benzo(a)anthracene	13.88	228	1015867	40.049	ng		98
82) 3,3'-Dichlorobenzidine	13.84	252	394413	40.043	ng		100
83) Chrysene	13.92	228	979426	38.751	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	658164	41.408	ng		99
85) Di-n-octyl phthalate	14.47	149	1055892	41.693	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	872755	35.662	ng		100
88) Benzo(b)fluoranthene	14.91	252	955351	38.386	ng		99
89) Benzo(k)fluoranthene	14.94	252	945438	40.992	ng		99
90) Benzo(a)pyrene	15.26	252	867998	38.643	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	728597	36.865	ng		100
92) Benzo(g,h,i)perylene	17.14	276	678602	34.751	ng		100

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

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