Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119052.D
Acq On : 25 Feb 2020 7:14
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 25 07:43:30 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	183934	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	643060	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	339362	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	574227	20.00	ng		0.00
76) Chrysene-d12	13.91	240	362178	20.00	ng		0.00
87) Perylene-d12	15.33	264	413389	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	897810	81.57	ng		0.00
7) Phenol-d6	6.40	99	1069677	79.91	ng		0.00
23) Nitrobenzene-d5	7.32	82	997669	81.92	ng		0.00
42) 2,4,6-Tribromophenol	10.58	330	344558	77.61	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	1842527	79.98	ng		0.00
79) Terphenyl-d14	12.85	244	1843732	87.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	189765	38.725	ng		99
3) Pyridine	3.16	79	516927	38.626	ng		99
4) n-Nitrosodimethylamine	3.10	42	167465	41.307	ng		92
6) Aniline	6.42	93	642715	38.913	ng	#	59
8) 2-Chlorophenol	6.55	128	482705	40.639	ng		97
9) Benzaldehyde	6.30	77	340918	38.121	ng		98
10) Phenol	6.42	94	569962	39.383	ng		88
11) bis(2-Chloroethyl)ether	6.49	93	444895	40.177	ng		98
12) 1,3-Dichlorobenzene	6.70	146	577497	40.565	ng		99
13) 1,4-Dichlorobenzene	6.77	146	579660	40.689	ng		99
14) 1,2-Dichlorobenzene	6.93	146	529852	40.781	ng		99
15) Benzyl Alcohol	6.90	79	397515	41.090	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	382449	39.870	ng		89
17) 2-Methylphenol	7.02	107	381158	39.580	ng		95
18) Hexachloroethane	7.27	117	207946	40.800	ng		97
19) n-Nitroso-di-n-propylamine	7.17	70	304955	39.098	ng		95
20) 3+4-Methylphenols	7.17	107	464482	39.369	ng	#	84
22) Acetophenone	7.17	105	608120	40.872	ng		98
24) Nitrobenzene	7.34	77	488594	40.568	ng		98
25) Isophorone	7.58	82	834842	39.469	ng		99
26) 2-Nitrophenol	7.66	139	262652	41.159	ng		98
27) 2,4-Dimethylphenol	7.70	122	348589	40.249	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	555300	40.334	ng		100
29) 2,4-Dichlorophenol	7.90	162	410741	40.285	ng		98
30) 1,2,4-Trichlorobenzene	7.98	180	491774	40.681	ng		100
31) Naphthalene	8.06	128	1347804	40.414	ng		99
32) Benzoic acid	7.85	122	231926	38.273	ng		99
33) 4-Chloroaniline	8.11	127	563473	39.282	ng		99
34) Hexachlorobutadiene	8.18	225	312458	41.495	ng		100
35) Caprolactam	8.49	113	119135	37.948	ng		99
36) 4-Chloro-3-methylphenol	8.60	107	400657	38.828	ng		100
37) 2-Methylnaphthalene	8.75	142	895030	39.879	ng		99
38) 1-Methylnaphthalene	8.85	142	842141	39.898	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	471212	41.183	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	129146	36.762 ng	96
43) 2,4,6-Trichlorophenol	9.03	196	299822	41.495 ng	99
44) 2,4,5-Trichlorophenol	9.08	196	304029	40.098 ng	99
46) 1,1'-Biphenyl	9.22	154	1126017	41.054 ng	99
47) 2-Chloronaphthalene	9.24	162	902203	40.819 ng	98
48) 2-Nitroaniline	9.33	65	244960	39.736 ng	96
49) Acenaphthylene	9.65	152	1290438	40.424 ng	99
50) Dimethylphthalate	9.52	163	1035914	39.919 ng	100
51) 2,6-Dinitrotoluene	9.58	165	225288	39.076 ng	96
52) Acenaphthene	9.82	154	777784	40.407 ng	99
53) 3-Nitroaniline	9.75	138	243092	38.033 ng	97
54) 2,4-Dinitrophenol	9.86	184	85945	35.281 ng	97
55) Dibenzofuran	10.00	168	1150154	40.033 ng	99
56) 4-Nitrophenol	9.92	139	134096	34.919 ng	98
57) 2,4-Dinitrotoluene	9.99	165	289680	38.763 ng	96
58) Fluorene	10.34	166	889849	39.859 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	251033	39.238 ng	99
60) Diethylphthalate	10.21	149	964476	39.439 ng	100
61) 4-Chlorophenyl-phenylether	10.33	204	477639	40.419 ng	99
62) 4-Nitroaniline	10.36	138	243007	37.161 ng	99
63) Azobenzene	10.49	77	848082	39.897 ng	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	137937	39.697 ng	99
66) n-Nitrosodiphenylamine	10.45	169	785723	41.789 ng	100
67) 4-Bromophenyl-phenylether	10.82	248	320698	42.726 ng	99
68) Hexachlorobenzene	10.89	284	362820	41.926 ng	94
69) Atrazine	10.97	200	246989	37.597 ng	98
70) Pentachlorophenol	11.09	266	139938	40.143 ng	98
71) Phenanthrene	11.30	178	1278793	40.836 ng	100
72) Anthracene	11.35	178	1287671	41.154 ng	99
73) Carbazole	11.50	167	1090873	39.134 ng	99
74) Di-n-butylphthalate	11.83	149	1403501	41.577 ng	100
75) Fluoranthene	12.48	202	1260882	37.932 ng	100
77) Benzidine	12.60	184	520373	35.329 ng	99
78) Pyrene	12.71	202	1246175	42.850 ng	100
80) Butylbenzylphthalate	13.33	149	529563	43.265 ng	92
81) Benzo(a)anthracene	13.90	228	1016596	41.195 ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	400252	41.769 ng	99
83) Chrysene	13.93	228	1001524	40.730 ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	693096	44.821 ng	100
85) Di-n-octyl phthalate	14.49	149	1073584	43.574 ng	100
86) Indeno(1,2,3-cd)pyrene	16.75	276	1327653	55.763 ng	98
88) Benzo(b)fluoranthene	14.93	252	1034499	37.966 ng	99
89) Benzo(k)fluoranthene	14.96	252	1017794	40.306 ng	99
90) Benzo(a)pyrene	15.27	252	985294	40.065 ng	99
91) Dibenzo(a,h)anthracene	16.76	278	1080513	49.935 ng	97
92) Benzo(g,h,i)perylene	17.17	276	1107970	51.823 ng	97

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

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