Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120097.D
Acq On : 21 Apr 2020 12:34
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 21 13:55:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 13:48:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	118378	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	441314	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	225237	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	434696	20.00	ng		0.00
76) Chrysene-d12	13.87	240	334833	20.00	ng		0.00
87) Perylene-d12	15.28	264	299113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	666898	97.36	ng		0.00
7) Phenol-d6	6.33	99	848259	96.11	ng		0.00
23) Nitrobenzene-d5	7.26	82	769286	90.18	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	220984	80.13	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1422862	89.69	ng		0.00
79) Terphenyl-d14	12.82	244	1495771	75.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	128196	42.019	ng		98
3) Pyridine	2.99	79	392991	46.948	ng		99
4) n-Nitrosodimethylamine	2.94	42	195258	45.655	ng		97
6) Aniline	6.36	93	550699	47.537	ng		95
8) 2-Chlorophenol	6.48	128	364398	47.612	ng		98
9) Benzaldehyde	6.24	77	218385	53.052	ng		99
10) Phenol	6.35	94	478900	47.826	ng		79
11) bis(2-Chloroethyl)ether	6.43	93	350562	45.342	ng		99
12) 1,3-Dichlorobenzene	6.63	146	390928	46.655	ng		99
13) 1,4-Dichlorobenzene	6.71	146	394356	46.202	ng		98
14) 1,2-Dichlorobenzene	6.86	146	373098	47.431	ng		97
15) Benzyl Alcohol	6.84	79	312800	45.628	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	646301	42.958	ng		99
17) 2-Methylphenol	6.96	107	319725	46.811	ng		98
18) Hexachloroethane	7.20	117	145575	45.636	ng		99
19) n-Nitroso-di-n-propylamine	7.12	70	246424	43.417	ng		99
20) 3+4-Methylphenols	7.12	107	402782	48.217	ng	#	82
22) Acetophenone	7.11	105	480601	46.506	ng		100
24) Nitrobenzene	7.28	77	391816	45.659	ng		100
25) Isophorone	7.52	82	694467	42.231	ng		99
26) 2-Nitrophenol	7.60	139	196151	45.752	ng		96
27) 2,4-Dimethylphenol	7.64	122	289375	44.753	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	425510	43.973	ng		99
29) 2,4-Dichlorophenol	7.85	162	293709	44.315	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	330654	44.030	ng		98
31) Naphthalene	8.00	128	1047396	45.110	ng		99
32) Benzoic acid	7.77	122	215476	37.944	ng		97
33) 4-Chloroaniline	8.06	127	456027	45.115	ng		96
34) Hexachlorobutadiene	8.12	225	194061	43.168	ng		99
35) Caprolactam	8.43	113	88546	43.674	ng		91
36) 4-Chloro-3-methylphenol	8.55	107	322739	44.977	ng		95
37) 2-Methylnaphthalene	8.70	142	686541	43.613	ng		98
38) 1-Methylnaphthalene	8.79	142	648269	43.692	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	315362	44.330	ng		99

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ALS Vial : 2 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	158132	39.091 ng	98
43) 2,4,6-Trichlorophenol	8.97	196	211680	43.090 ng	99
44) 2,4,5-Trichlorophenol	9.02	196	239666	43.316 ng	99
46) 1,1'-Biphenyl	9.16	154	856902	45.073 ng	99
47) 2-Chloronaphthalene	9.19	162	662438	45.232 ng	99
48) 2-Nitroaniline	9.29	65	244469	46.063 ng	96
49) Acenaphthylene	9.60	152	1035785	46.505 ng	99
50) Dimethylphthalate	9.47	163	755231	43.350 ng	99
51) 2,6-Dinitrotoluene	9.53	165	171301	44.901 ng	92
52) Acenaphthene	9.77	154	608229	40.938 ng	99
53) 3-Nitroaniline	9.70	138	204560	46.948 ng	100
54) 2,4-Dinitrophenol	9.80	184	91619	40.112 ng	93
55) Dibenzofuran	9.95	168	925716	45.405 ng	100
56) 4-Nitrophenol	9.86	139	145117	44.762 ng	95
57) 2,4-Dinitrotoluene	9.93	165	223608	44.487 ng	98
58) Fluorene	10.29	166	730483	44.800 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	182999	43.245 ng	97
60) Diethylphthalate	10.17	149	762214	42.213 ng	99
61) 4-Chlorophenyl-phenylether	10.28	204	358638	42.914 ng	97
62) 4-Nitroaniline	10.31	138	208903	50.309 ng	98
63) Azobenzene	10.44	77	716014	44.248 ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	125986	43.992 ng	98
66) n-Nitrosodiphenylamine	10.40	169	647439	44.784 ng	98
67) 4-Bromophenyl-phenylether	10.77	248	216455	40.041 ng	94
68) Hexachlorobenzene	10.84	284	226418	41.287 ng	93
69) Atrazine	10.93	200	154241	38.346 ng	97
70) Pentachlorophenol	11.03	266	111911	35.411 ng	98
71) Phenanthrene	11.25	178	1050946	45.427 ng	100
72) Anthracene	11.30	178	1057984	44.766 ng	99
73) Carbazole	11.46	167	1034784	46.300 ng	99
74) Di-n-butylphthalate	11.79	149	1173604	39.944 ng	99
75) Fluoranthene	12.44	202	1149385	46.045 ng	97
77) Benzidine	12.56	184	495575	43.785 ng	97
78) Pyrene	12.66	202	1183658	41.933 ng	99
80) Butylbenzylphthalate	13.29	149	503378	36.752 ng	97
81) Benzo(a)anthracene	13.86	228	995571	45.197 ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	354398	43.120 ng	96
83) Chrysene	13.89	228	1001683	44.754 ng	100
84) Bis(2-ethylhexyl)phthalate	13.86	149	636636	34.323 ng	99
85) Di-n-octyl phthalate	14.47	149	1111512	35.195 ng	99
86) Indeno(1,2,3-cd)pyrene	16.65	276	754720	38.254 ng	98
88) Benzo(b)fluoranthene	14.88	252	928903	43.170 ng	99
89) Benzo(k)fluoranthene	14.91	252	857292	46.176 ng	99
90) Benzo(a)pyrene	15.22	252	820038	45.326 ng	99
91) Dibenzo(a,h)anthracene	16.67	278	621845	38.803 ng	98
92) Benzo(g,h,i)perylene	17.07	276	589035	37.236 ng	97

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

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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