Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119740.D
Acq On : 4 Apr 2020 2:38
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 04 03:39:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	205002	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	760338	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	383465	20.00	ng		-0.02
64) Phenanthrene-d10	11.33	188	724667	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	440578	20.00	ng		-0.02
87) Perylene-d12	15.42	264	445919	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1014659	78.79	ng		0.00
7) Phenol-d6	6.44	99	1286561	78.21	ng		0.00
23) Nitrobenzene-d5	7.37	82	1147260	82.00	ng		-0.01
42) 2,4,6-Tribromophenol	10.64	330	355438	89.85	ng		-0.01
45) 2-Fluorobiphenyl	9.17	172	2085511	80.57	ng		-0.01
79) Terphenyl-d14	12.92	244	2067187	91.93	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	233095	36.649	ng		96
3) Pyridine	3.25	79	637989	36.411	ng		92
4) n-Nitrosodimethylamine	3.20	42	280451	32.821	ng		92
6) Aniline	6.47	93	856772	37.736	ng		97
8) 2-Chlorophenol	6.59	128	547316	40.466	ng		95
9) Benzaldehyde	6.35	77	374157	35.854	ng		97
10) Phenol	6.45	94	733985	41.815	ng		100
11) bis(2-Chloroethyl)ether	6.55	93	539078	38.399	ng		97
12) 1,3-Dichlorobenzene	6.75	146	592691	40.488	ng		97
13) 1,4-Dichlorobenzene	6.82	146	594657	40.613	ng		99
14) 1,2-Dichlorobenzene	6.97	146	567466	41.463	ng		99
15) Benzyl Alcohol	6.95	79	474733	38.364	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	969504	34.237	ng		98
17) 2-Methylphenol	7.06	107	488290	39.403	ng		97
18) Hexachloroethane	7.32	117	215100	40.087	ng		93
19) n-Nitroso-di-n-propylamine	7.22	70	375456	37.866	ng		99
20) 3+4-Methylphenols	7.22	107	590471	38.879	ng	#	78
22) Acetophenone	7.22	105	690631	38.014	ng	#	89
24) Nitrobenzene	7.39	77	588645	39.371	ng		95
25) Isophorone	7.63	82	1062084	37.424	ng		99
26) 2-Nitrophenol	7.70	139	295547	50.205	ng		93
27) 2,4-Dimethylphenol	7.75	122	439218	36.083	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	637308	37.976	ng		100
29) 2,4-Dichlorophenol	7.95	162	445840	39.862	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	495188	40.034	ng		98
31) Naphthalene	8.12	128	1576444	40.290	ng		98
32) Benzoic acid	7.86	122	290308	37.076	ng		98
33) 4-Chloroaniline	8.16	127	691280	38.556	ng		98
34) Hexachlorobutadiene	8.23	225	286586	41.411	ng		99
35) Caprolactam	8.54	113	140455	38.371	ng	#	81
36) 4-Chloro-3-methylphenol	8.65	107	471537	38.574	ng		99
37) 2-Methylnaphthalene	8.80	142	1037616	40.407	ng		98
38) 1-Methylnaphthalene	8.90	142	973438	40.050	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	471683	41.966	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	222831	34.872 ng	99
43) 2,4,6-Trichlorophenol	9.08	196	327700	40.742 ng	98
44) 2,4,5-Trichlorophenol	9.12	196	365112	40.521 ng	96
46) 1,1'-Biphenyl	9.27	154	1280580	41.003 ng	100
47) 2-Chloronaphthalene	9.29	162	973483	39.793 ng	99
48) 2-Nitroaniline	9.39	65	353866	41.907 ng	98
49) Acenaphthylene	9.71	152	1546439	40.254 ng	99
50) Dimethylphthalate	9.57	163	1100171	40.391 ng	100
51) 2,6-Dinitrotoluene	9.63	165	249915	42.807 ng	100
52) Acenaphthene	9.88	154	962472	40.187 ng	99
53) 3-Nitroaniline	9.80	138	300885	40.822 ng	99
54) 2,4-Dinitrophenol	9.90	184	84041	37.516 ng	94
55) Dibenzofuran	10.06	168	1383479	40.290 ng	97
56) 4-Nitrophenol	9.96	139	208406	35.842 ng	93
57) 2,4-Dinitrotoluene	10.03	165	339831	46.207 ng	94
58) Fluorene	10.40	166	1052408	41.446 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	280380	41.629 ng	98
60) Diethylphthalate	10.27	149	1136774	41.121 ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	517948	41.712 ng	96
62) 4-Nitroaniline	10.42	138	284380	40.235 ng	94
63) Azobenzene	10.55	77	1071845	38.502 ng	96
65) 4,6-Dinitro-2-methylphenol	10.44	198	131113	43.147 ng	83
66) n-Nitrosodiphenylamine	10.51	169	954165	40.108 ng	100
67) 4-Bromophenyl-phenylether	10.88	248	343758	41.652 ng	95
68) Hexachlorobenzene	10.95	284	363776	43.067 ng	95
69) Atrazine	11.03	200	264444	40.547 ng	100
70) Pentachlorophenol	11.14	266	194003	39.170 ng	99
71) Phenanthrene	11.36	178	1515732	40.338 ng	99
72) Anthracene	11.41	178	1529557	40.051 ng	99
73) Carbazole	11.56	167	1406772	37.216 ng	98
74) Di-n-butylphthalate	11.90	149	1721943	42.584 ng	99
75) Fluoranthene	12.54	202	1525598	37.515 ng	99
77) Benzidine	12.67	184	533748	28.626 ng	100
78) Pyrene	12.77	202	1561344	43.181 ng	98
80) Butylbenzylphthalate	13.40	149	646320	44.195 ng	99
81) Benzo(a)anthracene	13.96	228	1134736	39.607 ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	407085	36.037 ng	99
83) Chrysene	14.00	228	1161165	39.271 ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	834209	47.852 ng	99
85) Di-n-octyl phthalate	14.57	149	1371543	44.734 ng	98
86) Indeno(1,2,3-cd)pyrene	16.87	276	1274032	45.751 ng	100
88) Benzo(b)fluoranthene	15.00	252	1116512	37.483 ng	96
89) Benzo(k)fluoranthene	15.03	252	1106578	39.014 ng	99
90) Benzo(a)pyrene	15.36	252	1063382	39.282 ng	99
91) Dibenzo(a,h)anthracene	16.89	278	1041786	43.999 ng	100
92) Benzo(g,h,i)perylene	17.31	276	1040631	43.748 ng	99

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

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