Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119780.D
Acq On : 6 Apr 2020 19:54
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 07 00:15:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	195118	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	723790	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	366204	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	697458	20.00	ng		0.00
76) Chrysene-d12	13.96	240	513128	20.00	ng		0.00
87) Perylene-d12	15.40	264	555561	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	953784	77.82	ng		0.00
7) Phenol-d6	6.42	99	1233566	78.79	ng		0.00
23) Nitrobenzene-d5	7.35	82	1090616	81.89	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	339923	89.97	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2006386	81.17	ng		0.00
79) Terphenyl-d14	12.90	244	2132262	81.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	203501	33.617	ng		99
3) Pyridine	3.18	79	541061	32.443	ng		93
4) n-Nitrosodimethylamine	3.13	42	269799	33.174	ng		98
6) Aniline	6.45	93	676286	31.296	ng		98
8) 2-Chlorophenol	6.57	128	518543	40.281	ng		99
9) Benzaldehyde	6.33	77	340064	34.237	ng		98
10) Phenol	6.43	94	689438	41.267	ng		99
11) bis(2-Chloroethyl)ether	6.52	93	522013	39.067	ng		98
12) 1,3-Dichlorobenzene	6.72	146	567629	40.741	ng		96
13) 1,4-Dichlorobenzene	6.80	146	566417	40.644	ng		99
14) 1,2-Dichlorobenzene	6.96	146	536946	41.220	ng		99
15) Benzyl Alcohol	6.93	79	456965	38.799	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	938171	34.809	ng		99
17) 2-Methylphenol	7.04	107	461964	39.167	ng		99
18) Hexachloroethane	7.30	117	209462	41.013	ng		99
19) n-Nitroso-di-n-propylamine	7.20	70	359236	38.065	ng		98
20) 3+4-Methylphenols	7.20	107	571504	39.537	ng	#	70
22) Acetophenone	7.20	105	660688	38.202	ng	#	93
24) Nitrobenzene	7.37	77	564881	39.689	ng		98
25) Isophorone	7.61	82	1019293	37.730	ng		99
26) 2-Nitrophenol	7.69	139	280587	50.070	ng		91
27) 2,4-Dimethylphenol	7.73	122	422969	36.502	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	609615	38.160	ng		99
29) 2,4-Dichlorophenol	7.93	162	433386	40.705	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	475196	40.358	ng		99
31) Naphthalene	8.09	128	1523687	40.908	ng		99
32) Benzoic acid	7.85	122	366281	49.141	ng		97
33) 4-Chloroaniline	8.14	127	601273	35.230	ng		99
34) Hexachlorobutadiene	8.21	225	280241	42.539	ng		100
35) Caprolactam	8.52	113	128437	36.860	ng		97
36) 4-Chloro-3-methylphenol	8.62	107	455097	39.109	ng		97
37) 2-Methylnaphthalene	8.79	142	982047	40.174	ng		99
38) 1-Methylnaphthalene	8.89	142	927911	40.104	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	449462	41.874	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	246446	40.386	ng	99
43) 2,4,6-Trichlorophenol	9.06	196	314959	41.003	ng	99
44) 2,4,5-Trichlorophenol	9.10	196	354350	41.180	ng	93
46) 1,1'-Biphenyl	9.25	154	1216877	40.800	ng	100
47) 2-Chloronaphthalene	9.27	162	939922	40.232	ng	99
48) 2-Nitroaniline	9.37	65	338568	41.986	ng	98
49) Acenaphthylene	9.69	152	1453339	39.614	ng	99
50) Dimethylphthalate	9.56	163	1048886	40.324	ng	100
51) 2,6-Dinitrotoluene	9.62	165	240472	43.131	ng	97
52) Acenaphthene	9.86	154	916541	40.073	ng	97
53) 3-Nitroaniline	9.79	138	291356	41.392	ng	89
54) 2,4-Dinitrophenol	9.89	184	98854	44.524	ng	99
55) Dibenzofuran	10.03	168	1312096	40.013	ng	100
56) 4-Nitrophenol	9.94	139	215213	38.758	ng	98
57) 2,4-Dinitrotoluene	10.02	165	321275	45.743	ng	96
58) Fluorene	10.38	166	992611	40.933	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	270817	42.105	ng	98
60) Diethylphthalate	10.25	149	1080441	40.925	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	498830	42.066	ng	98
62) 4-Nitroaniline	10.40	138	281029	41.635	ng	97
63) Azobenzene	10.53	77	1021448	38.421	ng	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	149942	51.269	ng	96
66) n-Nitrosodiphenylamine	10.49	169	905664	39.555	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	323064	40.672	ng	95
68) Hexachlorobenzene	10.93	284	337422	41.505	ng	95
69) Atrazine	11.02	200	255501	40.704	ng	98
70) Pentachlorophenol	11.12	266	190923	40.052	ng	93
71) Phenanthrene	11.34	178	1448417	40.050	ng	98
72) Anthracene	11.39	178	1482682	40.339	ng	98
73) Carbazole	11.55	167	1416957	38.947	ng	99
74) Di-n-butylphthalate	11.88	149	1646438	42.305	ng	100
75) Fluoranthene	12.53	202	1570261	40.120	ng	98
77) Benzidine	12.65	184	173436	7.987	ng	98
78) Pyrene	12.76	202	1599922	37.992	ng	99
80) Butylbenzylphthalate	13.38	149	703247	41.289	ng	97
81) Benzo(a)anthracene	13.95	228	1335858	40.034	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	479101	36.415	ng	100
83) Chrysene	13.99	228	1342298	38.978	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	892024	43.933	ng	98
85) Di-n-octyl phthalate	14.56	149	1625201	45.513	ng	98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1478509	45.587	ng	99
88) Benzo(b)fluoranthene	14.99	252	1398311	37.679	ng	99
89) Benzo(k)fluoranthene	15.02	252	1338413	37.875	ng	99
90) Benzo(a)pyrene	15.34	252	1315679	39.010	ng	97
91) Dibenzo(a,h)anthracene	16.85	278	1198425	40.626	ng	99
92) Benzo(g,h,i)perylene	17.27	276	1188358	40.099	ng	98

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

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