Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070120\
Data File : BF120753.D
Acq On : 1 Jul 2020 16:15
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Jul 01 16:49:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 01 16:25:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	154504	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	480853	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	232152	20.00	ng		0.00
64) Phenanthrene-d10	11.18	188	456942	20.00	ng		0.00
76) Chrysene-d12	13.82	240	382597	20.00	ng		0.00
86) Perylene-d12	15.20	264	347336	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	872832	96.85	ng		0.00
7) Phenol-d6	6.36	99	1050604	93.60	ng		0.00
23) Nitrobenzene-d5	7.24	82	815600	94.81	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	275187	101.96	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1464541	96.52	ng		0.00
79) Terphenyl-d14	12.77	244	1888369	109.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	188991	44.248	ng		99
3) Pyridine	2.96	79	551288	45.914	ng		98
4) n-Nitrosodimethylamine	2.93	42	222000	44.552	ng		98
6) Aniline	6.34	93	681262	47.427	ng		98
8) 2-Chlorophenol	6.47	128	476861	46.826	ng		97
9) Benzaldehyde	6.22	77	278339	39.206	ng		98
10) Phenol	6.37	94	540862	45.164	ng		97
11) bis(2-Chloroethyl)ether	6.41	93	472797	47.398	ng		99
12) 1,3-Dichlorobenzene	6.60	146	532837	49.217	ng		100
13) 1,4-Dichlorobenzene	6.69	146	530994	49.710	ng		99
14) 1,2-Dichlorobenzene	6.84	146	471513	45.315	ng		100
15) Benzyl Alcohol	6.83	79	339274	42.623	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	636379	44.308	ng		95
17) 2-Methylphenol	6.96	107	405190	46.650	ng		98
18) Hexachloroethane	7.17	117	171422	43.552	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	322581	49.546	ng		95
20) 3+4-Methylphenols	7.12	107	539421	49.700	ng		96
22) Acetophenone	7.08	105	635642	59.128	ng	#	98
24) Nitrobenzene	7.26	77	423139	47.003	ng		96
25) Isophorone	7.50	82	763383	45.555	ng		99
26) 2-Nitrophenol	7.57	139	233920	49.117	ng		96
27) 2,4-Dimethylphenol	7.63	122	347979	49.624	ng		97
28) bis(2-Chloroethoxy)methane	7.71	93	486083	50.041	ng		98
29) 2,4-Dichlorophenol	7.83	162	344903	48.387	ng		98
30) 1,2,4-Trichlorobenzene	7.89	180	437289	55.358	ng		99
31) Naphthalene	7.97	128	1176296	49.819	ng		99
32) Benzoic acid	7.78	122	248709	46.226	ng		98
33) 4-Chloroaniline	8.03	127	509565	47.018	ng		97
34) Hexachlorobutadiene	8.09	225	242661	52.700	ng		98
35) Caprolactam	8.41	113	122377	53.680	ng		90
36) 4-Chloro-3-methylphenol	8.53	107	332273	46.659	ng		98
37) 2-Methylnaphthalene	8.66	142	753466	48.883	ng		99
38) 1-Methylnaphthalene	8.76	142	707286	48.765	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	362450	52.288	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	191341	49.258	ng		98
43) 2,4,6-Trichlorophenol	8.95	196	246937	50.219	ng		99
44) 2,4,5-Trichlorophenol	9.00	196	279214	50.050	ng		98
46) 1,1'-Biphenyl	9.13	154	898974	51.859	ng		100
47) 2-Chloronaphthalene	9.15	162	730811	51.555	ng		99
48) 2-Nitroaniline	9.26	65	220557	49.540	ng		91
49) Acenaphthylene	9.56	152	1110598	50.765	ng		99
50) Dimethylphthalate	9.43	163	851660	50.938	ng		99
51) 2,6-Dinitrotoluene	9.50	165	194996	51.462	ng		88
52) Acenaphthene	9.73	154	663838	50.878	ng		100
53) 3-Nitroaniline	9.67	138	223417	49.091	ng		93
54) 2,4-Dinitrophenol	9.77	184	100931	49.688	ng		95
55) Dibenzofuran	9.90	168	993364	49.653	ng		99
56) 4-Nitrophenol	9.86	139	149970	43.753	ng		98
57) 2,4-Dinitrotoluene	9.90	165	243375	48.404	ng		97
58) Fluorene	10.25	166	736617	47.762	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	212595	48.439	ng		98
60) Diethylphthalate	10.13	149	849659	51.598	ng		99
61) 4-Chlorophenyl-phenylether	10.24	204	379667	47.670	ng		98
62) 4-Nitroaniline	10.29	138	227061	50.255	ng		99
63) Azobenzene	10.40	77	763031	51.047	ng		96
65) 4,6-Dinitro-2-methylphenol	10.31	198	144238	52.607	ng		93
66) n-Nitrosodiphenylamine	10.36	169	708989	50.525	ng		100
67) 4-Bromophenyl-phenylether	10.73	248	269429	51.954	ng		97
68) Hexachlorobenzene	10.79	284	286061	51.305	ng		97
69) Atrazine	10.90	200	193240	44.502	ng		98
70) Pentachlorophenol	11.00	266	117270	37.831	ng		97
71) Phenanthrene	11.20	178	1145409	50.426	ng		100
72) Anthracene	11.26	178	1157819	50.569	ng		99
73) Carbazole	11.42	167	1110977	49.019	ng		99
74) Di-n-butylphthalate	11.75	149	1331365	52.251	ng		100
75) Fluoranthene	12.39	202	1391563	53.583	ng		99
77) Benzidine	12.52	184	528038	40.809	ng		100
78) Pyrene	12.62	202	1536701	56.697	ng		100
80) Butylbenzylphthalate	13.25	149	638595	53.061	ng		97
81) Benzo(a)anthracene	13.80	228	1186649	51.625	ng		99
82) 3,3'-Dichlorobenzidine	13.77	252	469377	53.460	ng		100
83) Chrysene	13.85	228	1288060	54.630	ng		99
84) Bis(2-ethylhexyl)phthalate	13.81	149	794689	54.104	ng	#	98
85) Di-n-octyl phthalate	14.42	149	1562885	55.754	ng		99
87) Indeno(1,2,3-cd)pyrene	16.54	276	1054646	49.918	ng		99
88) Benzo(b)fluoranthene	14.82	252	1151168	55.639	ng		99
89) Benzo(k)fluoranthene	14.85	252	1029118	56.212	ng		99
90) Benzo(a)pyrene	15.15	252	919195	49.641	ng		97
91) Dibenzo(a,h)anthracene	16.56	278	868470	51.260	ng		100
92) Benzo(g,h,i)perylene	16.94	276	849744	49.759	ng		98

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

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