Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
Data File : BF119189.D
Acq On : 4 Mar 2020 12:28
Operator : CG/JU
Sample : L1744-03MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Manual Integrations APPROVED
mohammad
3/5/2020 3:54:10 PM

Quant Time: Mar 04 13:42:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	134026	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	517160	20.00	ng		-0.01
39) Acenaphthene-d10	9.77	164	289033	20.00	ng		-0.01
64) Phenanthrene-d10	11.26	188	520498	20.00	ng		0.00
76) Chrysene-d12	13.90	240	298988	20.00	ng		0.00
87) Perylene-d12	15.33	264	270667	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	698719	87.12	ng		0.00
7) Phenol-d6	6.39	99	837685	85.88	ng		-0.01
23) Nitrobenzene-d5	7.30	82	567857	57.98	ng		-0.02
42) 2,4,6-Tribromophenol	10.57	330	302042	79.88	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1137352	57.97	ng		-0.01
79) Terphenyl-d14	12.84	244	1293846	74.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	136717	38.289	ng		98
3) Pyridine	3.23	79	335264	34.380	ng		99
4) n-Nitrosodimethylamine	3.18	42	138398	46.850	ng		98
6) Aniline	6.40	93	405864	33.723	ng		96
8) 2-Chlorophenol	6.53	128	435635	50.334	ng		99
9) Benzaldehyde	6.29	77	334097	51.269	ng		97
10) Phenol	6.41	94	505571	47.942	ng		93
11) bis(2-Chloroethyl)ether	6.47	93	384232	47.620	ng		97
12) 1,3-Dichlorobenzene	6.68	146	471566	45.459	ng		97
13) 1,4-Dichlorobenzene	6.76	146	476821	45.934	ng		99
14) 1,2-Dichlorobenzene	6.91	146	442707	46.762	ng		99
15) Benzyl Alcohol	6.89	79	361819	51.327	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	315319	45.113	ng	#	37
17) 2-Methylphenol	7.01	107	343794	48.994	ng		98
18) Hexachloroethane	7.25	117	170507	45.911	ng		95
19) n-Nitroso-di-n-propylamine	7.16	70	287692	50.619	ng		99
20) 3+4-Methylphenols	7.16	107	437583	50.900	ng		94
22) Acetophenone	7.15	105	572715	47.863	ng	#	95
24) Nitrobenzene	7.33	77	445684	46.013	ng		100
25) Isophorone	7.57	82	803412	47.230	ng		99
26) 2-Nitrophenol	7.65	139	241342	47.026	ng		98
27) 2,4-Dimethylphenol	7.69	122	364808	52.376	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	483897	43.704	ng		100
29) 2,4-Dichlorophenol	7.89	162	374268	45.644	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	418290	43.026	ng		98
31) Naphthalene	8.05	128	1232200	45.942	ng		99
32) Benzoic acid	7.85	122	178677	36.944	ng		100
33) 4-Chloroaniline	8.10	127	243262	21.088	ng		98
34) Hexachlorobutadiene	8.16	225	257359	42.498	ng		97
35) Caprolactam	8.48	113	108991m	43.168	ng		
36) 4-Chloro-3-methylphenol	8.60	107	393690	47.441	ng		100
37) 2-Methylnaphthalene	8.73	142	847684	46.964	ng		100
38) 1-Methylnaphthalene	8.83	142	793189	46.727	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	421452	43.248	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	228085	66.144	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	266000	43.225	ng		98
44) 2,4,5-Trichlorophenol	9.07	196	280454	43.430	ng		98
46) 1,1'-Biphenyl	9.20	154	1024648	43.864	ng		98
47) 2-Chloronaphthalene	9.23	162	818504	43.481	ng		97
48) 2-Nitroaniline	9.33	65	229030	43.621	ng		99
49) Acenaphthylene	9.64	152	1255399	46.175	ng		99
50) Dimethylphthalate	9.50	163	1083943	49.043	ng		99
51) 2,6-Dinitrotoluene	9.57	165	223082	45.431	ng	#	84
52) Acenaphthene	9.81	154	735745	44.879	ng		99
53) 3-Nitroaniline	9.74	138	120704	22.173	ng		99
54) 2,4-Dinitrophenol	9.86	184	171815	72.741	ng	#	91
55) Dibenzofuran	9.99	168	1084913	44.337	ng		97
56) 4-Nitrophenol	9.93	139	197158	60.280	ng		89
57) 2,4-Dinitrotoluene	9.98	165	276118	43.382	ng		91
58) Fluorene	10.33	166	878771	46.216	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.11	232	231474	42.481	ng		99
60) Diethylphthalate	10.20	149	965147	46.338	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	462430	45.946	ng		98
62) 4-Nitroaniline	10.36	138	206442	37.066	ng		95
63) Azobenzene	10.47	77	851342	47.025	ng		96
65) 4,6-Dinitro-2-methylphenol	10.40	198	149584	47.493	ng		99
66) n-Nitrosodiphenylamine	10.44	169	793928	46.584	ng		100
67) 4-Bromophenyl-phenylether	10.80	248	302673	44.487	ng		96
68) Hexachlorobenzene	10.88	284	346553	44.180	ng		97
69) Atrazine	10.97	200	265134	44.526	ng		98
70) Pentachlorophenol	11.08	266	255912	80.989	ng		99
71) Phenanthrene	11.29	178	1275912	44.950	ng		99
72) Anthracene	11.34	178	1329830	46.888	ng		99
73) Carbazole	11.50	167	1115884	44.164	ng		98
74) Di-n-butylphthalate	11.82	149	1455407	47.565	ng		98
75) Fluoranthene	12.47	202	1289316	42.791	ng		99
77) Benzidine	12.59	184	549505	45.191	ng		98
78) Pyrene	12.70	202	1278157	53.238	ng		99
80) Butylbenzylphthalate	13.31	149	558921	55.314	ng		94
81) Benzo(a)anthracene	13.89	228	966366	47.436	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	252100	31.869	ng		98
83) Chrysene	13.93	228	910037	44.832	ng		98
84) Bis(2-ethylhexyl)phthalate	13.87	149	764644	59.899	ng		98
85) Di-n-octyl phthalate	14.48	149	1121634	55.146	ng		99
86) Indeno(1,2,3-cd)pyrene	16.75	276	970498	49.377	ng		100
88) Benzo(b)fluoranthene	14.92	252	800638	44.877	ng		99
89) Benzo(k)fluoranthene	14.95	252	795036	48.086	ng		99
90) Benzo(a)pyrene	15.27	252	719208	44.666	ng		97
91) Dibenzo(a,h)anthracene	16.75	278	815221	57.540	ng		99
92) Benzo(g,h,i)perylene	17.17	276	816298	58.313	ng		99

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

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