Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119746.D
Acq On : 4 Apr 2020 5:47
Operator : MA/SJ
Sample : L2129-26MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2MSD

Manual Integrations APPROVED
mohammad
4/6/2020 1:39:11 PM

Quant Time: Apr 04 06:29:28 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	195017	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	730632	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	356871	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	607410	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	356644	20.00	ng		-0.02
87) Perylene-d12	15.43	264	373774	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1838955	150.11	ng		0.02
7) Phenol-d6	6.45	99	2379456	152.05	ng		0.00
23) Nitrobenzene-d5	7.37	82	1478832	110.00	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	592175	160.84	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2615119	108.56	ng		0.00
79) Terphenyl-d14	12.92	244	2335760	128.31	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	247612	40.925	ng		97
3) Pyridine	3.35	79	682812	40.964	ng		94
4) n-Nitrosodimethylamine	3.30	42	361173	44.432	ng		93
6) Aniline	6.47	93	681239	31.541	ng		98
8) 2-Chlorophenol	6.59	128	715484	55.608	ng		97
9) Benzaldehyde	6.35	77	373726	37.646	ng		99
10) Phenol	6.46	94	883968	52.938	ng		89
11) bis(2-Chloroethyl)ether	6.55	93	680727	50.972	ng		97
12) 1,3-Dichlorobenzene	6.75	146	709979	50.984	ng		97
13) 1,4-Dichlorobenzene	6.82	146	723754	51.960	ng		98
14) 1,2-Dichlorobenzene	6.98	146	673036	51.695	ng		98
15) Benzyl Alcohol	6.95	79	578567	49.149	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1172238	43.516	ng		98
17) 2-Methylphenol	7.06	107	571006	48.437	ng		99
18) Hexachloroethane	7.32	117	262732	51.470	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	473345	50.182	ng		97
20) 3+4-Methylphenols	7.22	107	681289	47.156	ng	#	84
22) Acetophenone	7.22	105	905998	51.895	ng	#	87
24) Nitrobenzene	7.39	77	722740	50.305	ng		98
25) Isophorone	7.63	82	1320651	48.427	ng		99
26) 2-Nitrophenol	7.70	139	373710	66.063	ng		96
27) 2,4-Dimethylphenol	7.75	122	589792	50.423	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	841625	52.190	ng		99
29) 2,4-Dichlorophenol	7.95	162	561523	52.246	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	619188	52.094	ng		99
31) Naphthalene	8.12	128	1953922	51.967	ng		99
32) Benzoic acid	7.88	122	448196	59.568	ng		97
33) 4-Chloroaniline	8.16	127	260316	15.110	ng		98
34) Hexachlorobutadiene	8.23	225	348900	52.465	ng		99
35) Caprolactam	8.55	113	176652m	50.222	ng		
36) 4-Chloro-3-methylphenol	8.65	107	596383	50.770	ng		98
37) 2-Methylnaphthalene	8.80	142	1305796	52.918	ng		98
38) 1-Methylnaphthalene	8.90	142	1235489	52.898	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	569675	54.461	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	411973	69.277 ng	99
43) 2,4,6-Trichlorophenol	9.09	196	406327	54.282 ng	99
44) 2,4,5-Trichlorophenol	9.13	196	418682	49.929 ng	96
46) 1,1'-Biphenyl	9.27	154	1528024	52.572 ng	97
47) 2-Chloronaphthalene	9.30	162	1185872	52.087 ng	98
48) 2-Nitroaniline	9.39	65	413398	52.606 ng	95
49) Acenaphthylene	9.71	152	1835863	51.349 ng	99
50) Dimethylphthalate	9.57	163	1641657	64.763 ng	99
51) 2,6-Dinitrotoluene	9.63	165	305865	56.294 ng	93
52) Acenaphthene	9.89	154	1158016	51.955 ng	99
53) 3-Nitroaniline	9.80	138	183061	26.687 ng	96
54) 2,4-Dinitrophenol	9.90	184	129656	57.408 ng	90
55) Dibenzofuran	10.06	168	1633597	51.120 ng	100
56) 4-Nitrophenol	9.97	139	465808	86.081 ng	96
57) 2,4-Dinitrotoluene	10.04	165	393591	57.504 ng	92
58) Fluorene	10.40	166	1233261	52.187 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	326140	52.032 ng	98
60) Diethylphthalate	10.27	149	1361265	52.911 ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	595774	51.555 ng	98
62) 4-Nitroaniline	10.42	138	261761	39.795 ng	99
63) Azobenzene	10.55	77	1278284	49.340 ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	100975	39.644 ng	94
66) n-Nitrosodiphenylamine	10.51	169	1132134	56.776 ng	99
67) 4-Bromophenyl-phenylether	10.88	248	381294	55.119 ng	97
68) Hexachlorobenzene	10.95	284	409983	57.907 ng	99
69) Atrazine	11.04	200	329965	60.360 ng	99
70) Pentachlorophenol	11.15	266	399940	96.338 ng	99
71) Phenanthrene	11.36	178	1752185	55.632 ng	99
72) Anthracene	11.42	178	1716616	53.627 ng	99
73) Carbazole	11.57	167	1484714	46.860 ng	99
74) Di-n-butylphthalate	11.90	149	2004108	59.130 ng	99
75) Fluoranthene	12.55	202	1718431	50.415 ng	98
77) Benzidine	12.67	184	817631	54.172 ng	98
78) Pyrene	12.78	202	1682950	57.499 ng	99
80) Butylbenzylphthalate	13.40	149	699111	59.056 ng	98
81) Benzo(a)anthracene	13.97	228	1286104	55.455 ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	442505	48.391 ng	98
83) Chrysene	14.00	228	1273733	53.216 ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	918025	65.052 ng	99
85) Di-n-octyl phthalate	14.57	149	1508509	60.780 ng	98
86) Indeno(1,2,3-cd)pyrene	16.87	276	1261139	55.946 ng	99
88) Benzo(b)fluoranthene	15.01	252	1378594	55.214 ng	99
89) Benzo(k)fluoranthene	15.04	252	1257244	52.882 ng	100
90) Benzo(a)pyrene	15.37	252	1209025	53.283 ng	99
91) Dibenzo(a,h)anthracene	16.90	278	1060635	53.441 ng	98
92) Benzo(g,h,i)perylene	17.32	276	1005306	50.420 ng	98

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

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